

Datacomtools.comTM

The Web's Best Source for Telecom Tools and Testers

TEST IT
CERTIFY IT...

FREE

SHIPPING ON
ORDERS OVER

\$99



(800) 543.4333 • www.datacomtools.com

Shipping Methods

- In stock products will ship the same day if ordered before 4pm EST Mon-Fri.
- Our standard shipping method is Federal Express but other methods are available.
- Free ground shipping on orders over \$99*
- APO orders ship via US Mail.



Payment Methods**

Government/Corporate Purchase Orders

Orders that have been submitted for credit approval must be accompanied with credit references. Orders that have been approved for terms will be Net 30 Days. Please allow 24 hours for credit approval.

PayPal

Web purchases can be easily paid thru PayPal.



Credit Cards:

Product can be ordered by Credit Card.

We accept Visa, Mastercard, Discover, and American Express.



Return Policy

- Products may be returned up to 30 days after date of purchase and Products must be in their original packaging.
- A credit will be issued after Product has been received, inspected and found to be in resalable condition.
- A 20% restock fee will be assessed to Product being returned for reasons other than damaged, defective or shipment error. If the manufacturers restock charge is greater than 20% the manufacturers restock fee will be applied. Credit will only be applied to the product not shipping or expediting charges.
- To return a Product call 1-800-543-4333 x199 to request a Return Material Authorization Number (RMA #).
- All Returns must have the RMA# clearly marked on the outside of the box. All unauthorized returns will be refused.
- Returns are to be sent pre-paid to:
Datacomtools.com 79 Harborview Avenue Stamford, CT 06902.

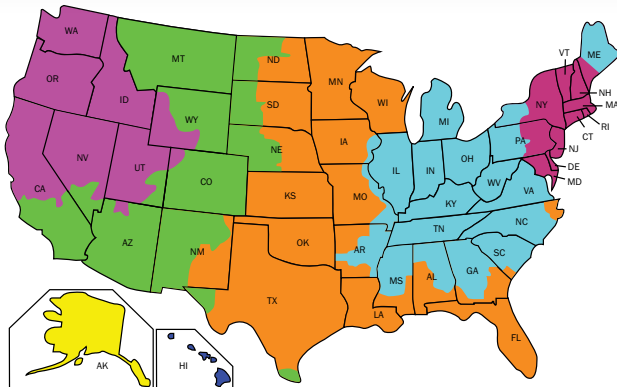
How to Order

Phone: 1.800.543.4333 **Fax:** 203.325.2198** **Mail:** 79 Harborview Avenue Stamford, CT 06902 **Online:** www.datacomtools.com



Call us at: 1.800.543.4333 or Visit us at: www.datacomtools.com

Estimated FedEx Ship Time to your State



* In the contiguous states, Certain items may not apply
** Prices are subject to change
*** Fax order pending credit approval

Datacomtools is not responsible for typographic and printing errors.

Patch Cables



Connect your workstations, printers, servers, and other devices with these cat. 5E or cat. 6 patch cables.

- Connects RJ45 Male to RJ45 Male.
- Designed-in Snag-Less moldings
- The 50-Micron Gold Plated Connectors maintain High Bandwidth & Maximum Data Signal Integrity
- Made from Lead-Free & Environmentally Safe Materials

Category 6 Patch Cable

UPT244P73L6	3' Category 6 Patch Cable	\$2.35/ea
UPT244P77L6	7' Category 6 Patch Cable	\$2.85/ea
UPT244P710L6	10' Category 6 Patch Cable	\$3.65/ea
UPT244P714L6	14' Category 6 Patch Cable	\$5.70/ea
UPT244P725L6	25' Category 6 Patch Cable	\$7.65/ea

Category 5e Patch Cable

UPT244P73L5	3' Category 5e Patch Cable	\$0.95/ea
UPT244P77L5	7' Category 5e Patch Cable	\$1.50/ea
UPT244P710L5	10' Category 5e Patch Cable	\$1.90/ea
UPT244P714L5	14' Category 5e Patch Cable	\$2.50/ea
UPT244P725L5	25' Category 5e Patch Cable	\$3.95/ea

Ethernet Loopback Jack & Plug



Use the SuperLooper Loopback Jack & Plug and a switch/hub to check RX/TX pairs of cables. LED On is good. LED Off indicates broken or shorted wires. Or plug it into a wall jack, and the LED of the associated switch port will light. Using a Smartronix Ethernet Analyzer & Loopback Jack & Plug you can perform more complete testing of cables & devices.

ST034LT02-01-001 Ethernet Loopback Jack & Plug **\$6.95**

Gigabit loopback Jack & Plug



Like the SuperLooper™ Ethernet Loopback Jack and Plug, the Gigabit version quickly and easily checks the RX/TX pairs of 1000base network cables, helping a network technician determine if a network signal exists or if there are broken or shorted wires within the cabling. It can be plugged directly into an Ethernet wall port or can be attached to the end of a network patch cable. If a signal is present, the SuperLooper™ Gigabit Loopback Jack and Plug sends the signal back to the source illuminating the port light on the associated switch or router. The SuperLooper™ Gigabit Loopback Jack and Plug is backward compatible with 10base and 100base networks.

ST034LT02-06-001 Gigabit loopback Jack & Plug **\$8.25**

Ethernet Crossover adapter



Convert any standard Ethernet cable to a Crossover cable. Eliminates the need for carrying extra cables. Network two computers together without a hub. Great for starting a home network. Handy & convenient for PC technicians and network specialists.

T034LT02-02-001 Ethernet Crossover adapter **\$6.95**

Gigabit Crossover Adapter



The SuperLooper™ Gigabit Crossover Adapter converts any standard Ethernet patch cable to a crossover cable for 1000 BASE networks. Used with a standard Ethernet patch cable, the SuperLooper™ Gigabit Crossover Adapter can network two computers in a Gigabit network without requiring a hub. This feature is

great for creating a personal network in the office, a network at home, or for copying files between two computers.

ST034LT02-07-001 Gigabit Crossover Adapter **\$6.95**

BMP™ 21 LABEL PRINTER

Meet the newest member of your crew

- One-handed operation with large display and backlight
- Terminal block and patch panel options
- Advanced serialization, barcoding, and symbols.
- Cuts and hold printed labels until you need them
- Rugged construction... withstands a 5ft. drop onto concrete.



BMP21 Label Printer & Accessories

BMP21	Label Printer	\$145.95
BMP21-KIT-110940	Printer, Case, BMP21-Tool & AC Adapter	\$217.77
BMP21-KIT-110941	Printer, Case, & AC Adapter	\$191.00
BMP21-KIT-110942	Printer & Case	\$164.43
BMP21-KIT-110943	Printer & AC Adapter	\$169.16
BMP21-KIT-114305	Printer & BPM21 Tool	\$159.71
BMP21-AC	AC Adapter	\$42.00
BMP21-HC	Hard Side Carrying Case	\$36.75
BMP21-MAGNET	Magnet only Accessory	\$15.75
BMP21-TOOL	Multifunction Accessory	\$31.50

Indoor/Outdoor Grade Vinyl Film



B-580 - Super-Tough Vinyl Tape - Perfect for voice, data, audio, video, HVAC control, bins, safety and electrical applications

Note: As of February 2011, B-580 material will be replaced with B-595 material. When ordering after this date, Please replace 580 with 595 in the part number.

Size	Select Color**	Price
21' x .375"	M21-375-580-XX**	\$20.46
21' x .500"	M21-500-580-XX**	\$20.46
21' x .750"	M21-750-580-XX**	\$23.70

** Colors Available

BK on WT	BK on YL	BK on OR	WT on RD	WT on BL	WT on GN
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An affordable label and wire marker designed for the tool box



Electrical Labeling



Datacom Labeling



General Identification



PermaSleeve Markers



Self-Laminating Labels



Safety Labels

...and many more



Self-Laminating Vinyl

B-427 - Continuous black on white self-laminating wire marker

Size	Black on White	Price
14' x .750"	M21-750-427*	\$27.46
14' x 1.00"	M21-1000-427*	\$33.25
14' x 1.25"	M21-1250-427*	\$33.86
14' x 1.50"	M21-1500-427*	\$34.26



PermaSleeve Wire Marker Sleeves

B-342 - Continuous cut-to-length heat shrinkable sleeves

Size	Black on White	Price
7' x .125"	M21-125-C-342*	\$41.72
7' x .187"	M21-187-C-342	\$45.52
7' x .250"	M21-250-C-342	\$52.07
7' x .375"	M21-375-C-342	\$57.46



Nylon Cloth

B-499 - For wire, cable, patch panels, and faceplates

Size	Black on White	Price
16' x .375"	M21-375-499	\$22.11
16' x .500"	M21-500-499	\$22.11
16' x .750"	M21-750-499	\$25.00

B-499 - For Terminal Blocks

Size	Terminal Block	Price
16' x .375"	M21-375-499-TB	\$22.11
16' x .500"	M21-500-499-TB	\$22.11



Polyester

B-430 - Black on white for instruments, racks and bins

Size	Black on White	Price
21' x .375"	M21-375-423	\$19.39
21' x .500"	M21-500-423	\$19.39
21' x .750"	M21-750-423	\$21.54

B-430 - Black on clear for instruments, racks and bins

Size	Black on Clear	Price
21' x .375"	M21-375-430	\$19.58
21' x .500"	M21-500-430	\$19.58
21' x .750"	M21-750-430	\$21.75

BMP21 and IDPAL label cartridges can be used in either the BMP21 Label Printer or the IDPAL Printer except for those denoted by an asterisk

**Can not combine with other offers



Major Credit Cards Accepted

1.800.543.4333 • Fax 203.325.2198 • www.datacomtools.com



Brady's LabelMark™ Labeling Software offers features that make creating labels more efficient. This labeling software is written specifically for markets where wire and cable marking is a constant and tedious job. LabelMark labeling software is the easy solution for label design, editing, and printing. This software is a fast system for creating and printing professional, accurate, & legible labels. With built-in templates, wizards, fixed text labels and free form design, LabelMark Label Software simplifies label making in the electrical, industrial, aerospace, laboratory, and telecom industries. Save time and print labels faster and more efficiently.

Quickly create, view, and print with easy editing features

- Edit text elements - simple text entry, formatting, and editing
- Fast label templates - easily edit often-used label templates
- Redesigned toolbars and menus - easy access to all program features
- Find and replace - quickly search and replace text in label files
- Label preview - lets you see labels before you print for more accuracy
- Add barcodes - several common bar code symbologies available
- Add date/time - easy insertion of date and/or time fields into the labels
- Pre-installed symbols library - features electrical, datacomm, and safety symbols

LM5PRFCD	LabelMark 5 CD-ROM Professional	\$379.00
LM5PROE	LabelMark 5 Professional Software - E-Media	\$359.00
LM5STDCD	LabelMark 5 Standard Software - CD-ROM	\$219.00
LM5STDE	LabelMark 5 Standard Software - CD-ROM	\$199.00

Vinyl Cloth Wire Marker Cards



- Brady exclusive Zip-Strip release card lets you easily remove just the markers you need.
- Large selection of wire marker cards allow you to choose the product that precisely meets your requirements.
- Wire Markers are .25 inches wide and 1.5 inches long

25 Cards Per Package			
Legend	Markers/card	Catalog #	Price
0	36	WM-0-PK	\$43.20
1	36	WM-1-PK	\$43.20
2	36	WM-2-PK	\$43.20
3	36	WM-3-PK	\$43.20
4	36	WM-4-PK	\$43.20
5	36	WM-5-PK	\$43.20
6	36	WM-6-PK	\$43.20
7	36	WM-7-PK	\$43.20

25 Cards Per Package			
Legend	Markers/card	Catalog #	Price
8	36	WM-8-PK	\$43.20
9	36	WM-9-PK	\$43.20
1-33	33	WM-1-33-PK	\$43.20
34-66	33	WM-34-66-PK	\$43.20
67-99	33	WM-67-99-PK	\$43.20
100-124	25	WM-100-124-PK	\$42.66
125-149	25	WM-125-149-PK	\$43.20
A-Z	26	WM-A-Z-PK	\$43.20

RHINO 101 Reuseable Label Dispenser



All Rhino labels are super strong and engineered for the long haul. Thanks to industrial-strength adhesives, they deliver the lasting durability you demand. With Rhino 101, you can rest assured you're using reliable Rhino labels in an easy-to-load cartridges.

- Self-Laminating Vinyl Labels for Wire and Cable Marking
- Specially formulated to stick and last on wire and cable
- White write-on area accepts permanent marker
- Clear tail wraps and laminates handwritten text for protection
- Easy-peel, die cut labels

Features:

- Includes Sharpie® Retractable Permanent Marker
- No cap to remove or lose
- Large Writing Window
- Easy to write and view label

- Cutting Window	- Built-in Cutter	- Belt Clip and Lanyard Holder	- Thumb Driven Label Advance
Quickly aligns label prior to cutting	Fast and easy one-handed cutting	Keep tool accessible at all times	Eliminates smearing

1738635 Includes:

- Rhino 101 Reusable Label Dispenser
- 0.75" x 1.5" Self-Laminating Vinyl Labels (140 Labels)
- Black Sharpie Retractable Permanent Marker

1734522 Includes:

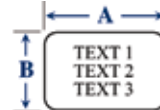
- Rhino 101 Reusable Label Dispenser
- 0.75" x 11.5' Continuous Flexible Nylon Labels
- Black Sharpie Retractable Permanent Marker

1738635	RHINO 101 Reuseable Label Dispenser with Self-Laminating Vinyl	\$20.00
1734522	RHINO 101 Reuseable Label Dispenser with Flexible Nylon	\$20.00

- Permanent, Quick, Crisp Labels
- Built-in Electrical and Voice/Data Symbols
- Autotext Sizing TLS2200 reads your label size and style, selects the most suitable type size, and instantly registers it for printing
- Variable font sizes from 1 (4 point) to 19 (72 point)



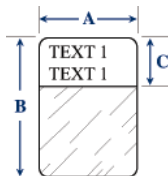
TLS2200	TLS2200 Thermal Printer Kit	\$795.00
TLS2200-BP	Battery pack	\$93.44
TLS2200-BC	Battery charger	\$44.47
R4310	Black ribbon for Cat5 labels	\$28.17
R6010	Black ribbon	\$29.02



General Adhesive Wire & Cable Markers

- Industrial strength Vinyl Cloth (B498) and Nylon Cloth (B499) designed to conform to curved surfaces
- Printer automatically calibrates label and prints multiple lines of wire code legend,

Wire Gauge	Materials	Part #	Labels	Inch A	Inch B	Max Characters			Maximum Lines			Price
						2	7	10	2	7	10	
16 to 22	Vinyl Cloth	PTL-7-498	500	0.5	0.5	11	5	3	5	2	1	\$48.24
10 to 16	Vinyl Cloth	PTL-10-498	750	0.25	0.75	5	2	1	3	1	1	\$51.28
10 to 16	Vinyl Cloth	PTL-11-498	500	0.5	0.75	11	5	3	8	4	2	\$44.76
10 to 12	Vinyl Cloth	PTL-16-498	500	0.375	1	8	3	2	10	5	3	\$53.78
10 to 12	Nylon Cloth	PTL-16-499	500	0.375	1	8	3	2	10	5	3	\$54.96
10 to 12	Vinyl Cloth	PTL-17-498	500	0.5	1	11	5	3	3	1	1	\$56.52
10 to 12	Vinyl Cloth	PTL-18-498	250	0.75	1	18	7	5	10	5	3	\$37.03
10 to 12	Nylon Cloth	PTL-18-499	250	0.75	1	18	7	5	10	5	3	\$37.82
10 to 12	Vinyl Cloth	PTL-19-498	250	1	1	24	10	7	10	5	3	\$40.18
10 to 12	Nylon Cloth	PTL-19-499	250	1	1	24	10	7	10	5	3	\$41.09
4 to 10	Vinyl Cloth	PTL-28-498	750	0.25	1.5	5	2	1	16	8	5	\$51.19
4 to 10	Nylon Cloth	PTL-28-499	750	0.5	0.5	5	2	1	16	8	5	\$53.52
4 to 10	Vinyl Cloth	PTL-29-498	500	0.5	0.5	11	5	3	16	8	5	\$49.98
4 to 10	Nylon Cloth	PTL-29-499	500	0.5	1.5	11	5	3	16	8	5	\$51.02
4 to 10	Vinyl Cloth	PTL-30-498	250	0.75	1.5	18	7	5	16	8	5	\$43.97
4 to 10	Nylon Cloth	PTL-30-499	250	0.75	1.5	18	7	5	16	8	5	\$45.16
4 to 10	Vinyl Cloth	PTL-31-498	250	1	1.5	24	10	7	16	8	5	\$51.02
4 to 10	Nylon Cloth	PTL-31-499	250	1	1.5	24	10	7	16	8	5	\$52.34
Lg. Cable	Vinyl Cloth	PTL-21-498	100	1	2.5	24	10	7	23	14	9	\$32.84
Lg. Cable	Vinyl Cloth	PTL-23-498	100	1	4	24	10	7	23	22	15	\$39.26
Lg. Cable	Vinyl Cloth	PTL-34-498	50	1.5	6	37	15	10	64	32	21	\$43.84



Self-Laminating Adhesive Wire and Cable Markers

- Extra-durable B427 material features a clear trailer that wraps over print area to protect the printed text.
- Exceptional adhesion to Cat.5 cable and electrical wires and cable

Application	Material	Part #	Label	Inch A	Inch B	Inch C	Max. Characters			Max. Lines			Price
							2	7	10	2	7	10	
2 pair Fiber, Single/Multimode	Vinyl Self-Lam.	PTL-19-427	250	1	1	0.375	24	10	7	3	1	1	\$35.73
25 pair Copper, 4-12 pair Fiber	Vinyl Self-Lam.	PTL-21-427	100	1	2.5	0.75	24	10	7	8	4	2	\$27.36
Cat-5, 4 pair UTP Copper	Vinyl Self-Lam.	PTL-64-427	100	1	3.375	1.125	24	10	7	12	12	8	\$16.75
50 pair Copper, 24 pair Fiber	Vinyl Self-Lam.	PTL-23-427	100	1	4	1	24	10	7	10	5	3	\$32.58
Cat-5, 4 pair UTP Copper	Vinyl Self-Lam.	PTL-29-427	500	0.5	1.5	0.5	11	5	3	5	2	1	\$48.67
Cat-5, 4 pair UTP Copper	Vinyl Self-Lam.	PTL-30-427	250	0.75	1.5	0.5	18	7	5	5	2	1	\$36.25
Cat-5, 4 pair UTP Copper	Vinyl Self-Lam.	PTL-31-427	250	1	1.5	0.5	24	10	7	5	2	1	\$45.80
Cat-5, 4 pair UTP Copper	Vinyl Self-Lam.	PTL-32-427	250	1.5	1.5	0.5	37	15	10	5	2	1	\$47.36
50 pair Copper, 24 pair Fiber	Vinyl Self-Lam.	PTL-33-427	100	1.5	4	1	37	15	10	10	5	3	\$44.09
100 pair Copper, 36 pair Fiber	Vinyl Self-Lam.	PTL-34-427	50	1.5	6	1.5	37	15	10	16	8	5	\$36.51

*Can not combine with other offers



Handheld Labeler

Starter Kits

Xpert-Kit-ABC-VD - Voice & Datacom Kit:

1 Cartridge each of:

- XSL-21-427 - Self Lam markers
- X-30-422 - Port Labels & Faceplate Labels
- XC-475-412 - Non-adhesive strips
- XC-1000-580-YL-BK - 1" yellow vinyl

Xpert-Kit-ABC-EL - Electrical Starter Kit:

1 Cartridge each of:

- X-18-498 - Standard wire ID wraps
- XPS-187-1 - Heatshrink wire markers
- XSL-103-427 - Self-lam Wire ID labels
- XC-1500-580-OR-BK - 1.5" orange vinyl

Xpert-Kit-ABC-MRO - Facility/MRO Kit:

1 Cartridge each of:

- XC-1500-580-YL-BK - 1.5" yellow vinyl
- XC-1000-580-RD-WT - 1" red vinyl
- X-7-499 - White die cut labels
- XC-1000-580-GN-WT - green vinyl

The versatile, feature-rich Brady IDXPert handheld is now even more powerful with the addition of PC-Connect printing, Voice/Data templates for punch block and faceplates, 10 additional font sizes, and more!

More Options:

- More types of labels: Self-lams, sleeves, and 90+ label styles including continuous tape.
- More width: Materials up to 1.5", prints characters up to 1.25".

More Brawn:

- 300dpi thermal transfer printing stays crisp and bright.
- Tough, rugged, drop tested construction.

More Brains:

- Quick loading cartridge makes switching jobs really fast.
- "Smart Cartridge" saves time: auto senses label type & size.
- Intuitive user interface: accesses complex functions in a few steps.
- Truly handy: ergonomic design fit right in your hand!
- Slide-in Desi-Strip inserts for face plates - automatically defaults to most common 1.9" length or user can specify their specific length needed depending on the equipment being labeled.
- Print from your PC - with optional Brady LabelMark 3.1.1 software, users can create labels on their PC and print directly to the IDXPert. Users can also import data from other spreadsheets to make printing lists of similar labels even easier.

All Starter Kits Include:

IDXPert printer, Hardcase, PC cable, AC power supply, 1.5" x 30' continuous tape and the items listed with the kit.

XPERT-ABC	IDXPert Handheld Labeler (ABC Layout)	\$399.95
XPERT-KEY	IDXPert Handheld labeler (keyboard layout)	\$399.95
XPERT-ABC-KIT-LM	Handheld labeler w/LabelMark software	\$641.00
XPERT-KEY-KIT-LM	Handheld labeler w/LabelMark software	\$641.00
XPERT-ABC-KIT-MRO	Handheld labeler MRO starter kit	\$641.00
XPERT-ABC-KIT-EL	Handheld labeler electrical starter kit	\$590.00
XPERT-ABC-KIT-VD	Handheld labeler voice/data starter kit	\$567.00
LM5STD CD	LabelMark labeling software	\$219.00
XPERT-AC	AC adapter	\$42.00
PCK-4	Cleaning kit	\$26.25

XPERT-ABC

XPERT-KEY

IDXPert Printer ships with:

- Hard Case
- 1.5" x 30' Cont. Tape
- PC Cable (upgrade only)
- Product CD

For more info on the IDXPert go to:
www.datacomtools.com/Xpert

*Can not combine with other offers

Cable Markers

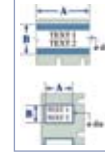


Ideal for marking data cabling, this cable marker's protected printing offers superior abrasion resistance and resistance to dirt, solvents, and water.

Color:
Black on White
Black on Yellow

Sized to fit	Part #	Labels	A (in)	B (in)	C (in)	Price
2pair fiber/coaxial, single/multimode	XSL-19-427	250	1	1	.375	45.07
CAT-5, 4pair UTP copper	XSL-102-427	250	.5	1.25	.375	32.18
CAT-5, 4pair UTP copper, fiber coaxial	XSL-103-427	250	1	1.25	.5	51.54
CAT-5, 4pair UTP copper	XSL-115-427	250	1.5	1.25	.5	46.37
CAT-5, 4pair UTP copper	XSL-29-427	450	.5	1.5	.5	57.98
CAT-5, 4pair UTP copper	XSL-30-427	250	.75	1.5	.5	43.80
CAT-5, 4pair UTP copper, fiber, coaxial	XSL-31-427	250	1	1.5	.5	54.12
CAT-5, 4pair UTP copper, fiber coaxial	XSL-31-427-YL-BK	250	1	1.5	.5	59.28
CAT-5, 4pair UTP copper, fiber coaxial	XSL-32-427	227	1.5	1.5	.5	60.55
25pair copper, 4-12pair fiber coaxial	XSL-21-427	100	1	2.5	.75	36.05
25pair copper, 4-12pair fiber coaxial	XSL-21-427-YL-BK	100	1	2.5	.75	39.92
25pair copper, 4-12pair fiber coaxial	XSL-116-427	100	1.5	2.5	.75	36.05
50pair copper, 24pair fiber backbone	XSL-23-427	85	1	4	1	46.37
50pair copper, 24pair fiber backbone	XSL-23-427-YL-BK	100	1	4	1	50.23
50pair copper, 24pair fiber backbone	XSL-33-427	85	1.5	4	1	57.98
100pair copper, 36pair fiber backbone	XSL-34-427	50	1.5	6	1.5	46.37

Peramsleeve - Wire Marking Sleeves

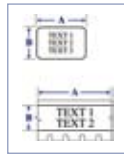


These heat-shrink sleeves are durable, permanence and aesthetic appearance. The labelers fast shrink rate saves time & cost during installation.

Wire Gauge	Part #	Labels	A (in)	B (in)	Color	Price
1.015" Marker Length						
22-16 gauge 0.046 - 0.110 dia	XPS-125-1	100	1.015	0.235	BK on WT	51.28
18-12 gauge 0.062 - 0.150 dia	XPS-187-1	100	1.015	0.335	BK on WT	56.29
16-10 gauge 0.094 - 0.320 dia	XPS-250-1	100	1.015	0.439	BK on WT	67.57
12-6 gauge 0.125 - 0.320 dia	XPS-375-1	100	1.015	0.645	BK on WT	97.62
Continuous (cut to length)						
22-16 gauge 0.046 - 0.110 dia	XPS-125-CONT	1 roll	8ft	0.235	BK on *	44.50
18-12 gauge 0.062 - 0.150 dia	XPS-187-CONT	1 roll	8ft	0.335	BK on *	48.87
16-10 gauge 0.094 - 0.215 dia	XPS-250-CONT	1 roll	8ft	0.439	BK on *	53.79
12-6 gauge 0.125 - 0.325 dia	XPS-375-CONT	1 roll	8ft	0.645	BK on WT	78.84

*Available in both BK on WT & BK on YL
CONT - BK on WT Label
CONT-YL-BK - BK on YL Label

ID's for Racks, Data Centers

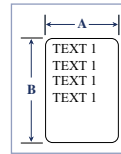


Variety of sizes and permanent materials for making racks, bay, frames, slots, and other voice/data equipment.

Materials:
Ultra Polyester for powder/texture surfaces
Glossy polyester for powder/texture surfaces

Material	Part #	Labels	A (in)	B (in)	Color	Price
Ultra polyester	X-17-483	500	1	0.5	BK on WT	56.84
Ultra polyester	X-20-483	100	2	1	BK on WT	36.05
Ultra polyester	X-61-483	100	2	0.5	BK on WT	28.33
Glossy polyester	X-17-422	500	1	0.5	BK on WT	53.34
Glossy polyester	X-19-422	250	1	1	BK on WT	45.07
Glossy polyester	X-29-422	500	1.5	0.5	BK on WT	59.15
Glossy polyester	X-30-422	250	1.5	0.75	BK on WT	55.40
Glossy polyester	XC-1000-422	1 Roll	30ft	1	BK on WT	62.55

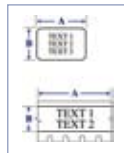
Wire & Cable Markers - Adhesive Wrap



Durable vinyl cloth wrap around wire and cable markers. Firm adhesive can be removed cleanly and reapplied if necessary. Printer automatically "multiple repeats" your text for 360° visibility.

Wire Gauge	Part #	Labels	A (in)	B (in)	Color	Price
22-16 gauge - .110" dia	X-7-498	300	.5	.5	BK on WT	42.10
16-10 gauge - .160" dia	X-11-498	275	.5	.75	BK on WT	42.18
12-10 gauge - .210" dia	X-19-498	200	1	1	BK on WT	37.14
12-10 gauge - .210" dia	X-18-498	225	.75	1	BK on WT	43.37
10-4 gauge - .270" dia	X-103-498	200	1	1.25	BK on WT	37.96

Automation & Electrical Components Markers



Various sizes and label types for marking relays, solenoids, switches, drive motors, and other components.

Material	Part #	Labels	A (in)	B (in)	Color	Price
General purpose nylon cloth	X-11-499	350	.75	.5	BK on WT	33.22
General purpose nylon cloth	X-84-499	350	.9	.5	BK on WT	34.40
Metallized polyester	X-17-428-SV-BK	500	1	.5	BK on SV	62.55
Metallized polyester (black border)	X-24-428-SVBB-BK	500	1.13	.5	BK on SV	55.05
Metallized polyester	X-29-428-SV-BK	500	1.5	.5	BK on SV	71.32
Metallized polyester	X-20-428-SV-BK	100	2	1	BK on SV	40.02
Gloss polyester	XC-1000-422	1 Roll	30ft	1	BK on WT	64.43

Indoor/Outdoor Facility and Safety Labels

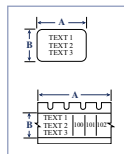


This indoor/5-yr outdoor vinyl is very pliable and conforms well to smooth or rough surfaces such as pipes, wall, door, panels, shelving, and equipment.

Roll Continuous
XC-500-580 - 30ft x 0.5"
XC-1000-580 - 30ft x 1"
XC-1500-580 - 30ft x 1.5"

Part #	Color	Price
XC-500-580	BK-WT BK-OR BK-YL WT-RD WT-GN WT-BL RD-WT	\$45.07
XC-1000-580	BK-WT BK-OR BK-YL WT-RD WT-GN WT-BL RD-WT	\$56.70
XC-1500-580	BK-WT BK-OR BK-YL WT-RD WT-GN WT-BL RD-WT	\$67.02

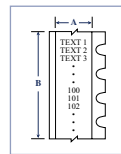
Patch Panel, Outlet and Faceplate Markers



Label patch panels with continuous supplies that set automatically to user-defined fixed spacing intervals. Die cut parts available for marking ports and wall faceplates.

Application	Part #	Labels	A (in)	B (in)	Color	Price
Label each port	X-7-422	350	0.5	0.5	BK on WT	39.92
Label Multiple Ports on Cont. Tape	XC-375-422	1 Roll	30ft	0.375	BK on WT	55.40
Label Multiple Ports on Cont. Tape	XC-500-422	1 Roll	30ft	0.5	BK on WT	56.70

Terminal Block Markers



Narrow markers automatically set to spacing between legends and rotate to orientation for alignment on terminal blocks.

Width to Strip	Part #	Labels	A (in)	B (in)	Color	Price
0.240" wide	XC-240-498	1 Roll	.24	.375	BK on WT	52.31
0.318" wide	XC-318-498	1 Roll	.318	.475	BK on WT	53.59
0.375" wide	XC-375-498	1 Roll	.375	.625	BK on WT	54.87

*Can not combine with other offers

NEW!!

BMP™71 LABEL PRINTER

**Thousands of Applications.
Hundreds of Labels.
One Label Printer**

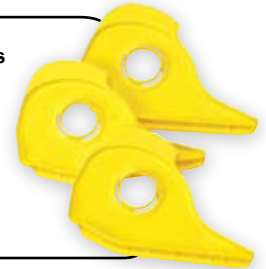
**10% OFF YOUR
NEXT BRADY PURCHASE**
COUPON CODE:
BRADYSUP**



The Best features and functionalities of brady's portable label printers are now combined into one easy-to-use, top-of-the-line portable thermal transfer printer - Brady's NEW BMP™71 printer. Whether you need ¼ Self-Laminating wire marker labels or 2" wide vinyl pipe marker labels, you only need ONE label maker - The BMP™71 printer can do it all!

With the BMP™71, your labeling options are endless!

The BMP™71 Label Printer can also print on TLS2200® Consumables and Handi-mark® Consumables using the included Media Adapter



Features Include:	
- 100's of Symbols	- Auto Font Size
- Reverse Print	- Vertical
- Multiple Font Size	- Expand/Condense
- Subscripts	- Time/Date Stamps
- Frame	- Underline/Italics/Bold
- Mirror Print	- Barcodes
- Color Screen	- Serialization

Label printer ships with Hardcase, Charger/AC Adapter, 1 Roll of M71-31-423 White Die Cut Labels, 1 M71-R6000 Black Ribbon Cartridge, M71-ADAPT Tool Adapter, USB Cable, Quickstart Guide, a CD including the printer driver, Users Guide and Tutorial.

BMP71	BMP™71 Label Printer	\$895.00
BMP71-LM	BMP™71 Label Printer with LabelMark Software	\$984.60
BMP71-MW	BMP™71 Label Printer with Markware Lean Software	\$1344.60
BMP71-QC	BMP™71 Label Printer with Quick Charger	\$955.00
BMP71-SC	BMP™71 Label Printer with Soft Case	\$920.00
BMP71-SC-QC	BMP™71 Label Printer with Soft Case and Quick Charger	\$980.00
M71-AC-BC	BMP™71 AC/Battery Adapter	\$59.00
M71-ADAPT	TLS2200®/Handi-mark® Media Adapter	\$19.50
M71-BATT	BMP™71 Battery Pack	\$85.00
M71-CABLE	BMP™71 USB Cable	\$16.95
M71-CLEAN	BMP™71 Cleaning Kit	\$15.00
M71-HC	BMP™71 Hardcase	\$75.00
M71-QC	BMP™71 Quick Charger	\$115.00
M71-SC	BMP™71 Softcase	\$45.00

**The one way
to faster,
easier label
printing**



Electrical Labeling



**Voice/Data
Comm Labeling**



Safety Labels



**PermaSleeve™
Markers**



**Self-Laminating
Labels**



General ID Labels

...and many more

Brady 360® Replacement Printer Plan

The Brady 360™ Printer Replacement Plan Supplements the Limited Warranty already provided to you with the purchase of your brady printer. With this plan, Brady Worldwide Inc., in its reasonable discretion, will send a replacement printer in the event that your covered printer requires service during the term of its Limited Warranty. Brady will replace your defective printer with a new printer that has the same or similar functionality and is of the same or greater value.

Limit two new replacement printers per covered printer in each warranty period. The plan must be purchased at the time of printer purchase to be valid.

*Limit of two printers in the first 12 months of initial purchase.

**Can not combine with other offers

**10% OFF YOUR
NEXT BRADY PURCHASE***
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BRADYSUP

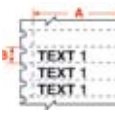
Permasleeve Wire Marking Sleeves - Heat Shrinkable



Labels for the Brady BMP71 thermal transfer printer
Heat-Shrinkable White Polyolefin (B-342)

Part Number	Qty	Wire Gauge	Dimensions		Character	Lines	Price
			A	B			
1.015" Marker Width							
M71-94-1-342	100	28-18	1.015"	0.182"	22	1	45.67
M71-125-1-342	100	22-16	1.015"	0.235"	22	1	48.41
M71-187-1-342	100	18-12	1.015"	0.335"	22	2	53.91
M71-250-1-342	100	16-10	1.015"	0.439"	22	3	65.30
M71-375-1-342	100	12-6	1.015"	0.645"	22	5	94.30
M71-500-1-342	100	8-1	1.015"	0.851"	22	7	111.21
1.765" Marker Width							
M71-94-175-342	100	28-18	1.765"	0.182"	41	1	62.02
M71-125-175-342	100	22-16	1.765"	0.235"	41	1	65.03
M71-187-175-342	100	18-12	1.765"	0.335"	41	3	72.22
M71-250-175-342	100	16-10	1.765"	0.439"	41	3	87.93
M71-375-175-342	100	12-6	1.765"	0.645"	41	5	129.40

Workstation Labels



Green

Red

Labels for the Brady BMP71 printer
Polypropylene (B-412), Clear Polyester (B-430), Permanent Glossy Polyester (B-422), Vinyl (B-427)

Part Number	Applications	Material	Qty	Dimensions		Price
				A	B	
M71-16-430	1-4 outlet faceplates	Clear Polyester	500	1.000"	0.375"	46.65
M71-17-430	1-4 outlet faceplates	Clear Polyester	500	1.000"	0.500"	46.65
M71-40-412	Faceplates with DESI-STRIP	Polypropylene	750	1.938"	0.375"	61.11
BM71-40-412	Faceplates with DESI-STRIP	Polypropylene	5000	1.938"	0.375"	284.59
M71-45-422	1-2 outlet faceplates	Glossy Polyester	500	1.500"	0.375"	52.73
M71-45-430	1-2 outlet faceplates	Clear Polyester	500	1.500"	0.375"	48.75
M71-68-430	Siemon faceplates	Clear Polyester	750	0.240"	0.150"	32.64
M71-71-430	Siemon faceplates	Clear Polyester	750	0.350"	0.200"	32.64

BMP™71 Ribbons

M71 Series Ribbons						
	Material	R4300 (Black)	R6000 (Black)	R6200 (Black)	R4400-WT (White)	R6900 (Colors)
						► Recommended ► Acceptable
422	Polyester		►		►	►
423	Polyester		►	►	►	►
424	Paper	►				
426	Polyimide	►				
428	Polyester	►				
457	Polyimide		►		►	►
459	Polyester		►		►	►
473	Polyester			►	►	►
477	Polyimide		►	►	►	►
478	Polyimide		►		►	►
483	Polyester			►	►	►
486	Polyester	►				
488	Polyester	►		►		
489	Polyester	►				
499	Nylon Cloth	►		►		
		\$56.34	\$56.34	\$56.34	\$66.59	\$66.59

With the BMP™71, your labeling options are endless!



The BMP™71 printer can print on over 400 label parts - so whatever label size or color you need, we've got you covered. Add all of the materials from the TLS 2200® Thermal Transfer Printer and the HandiMark® Portable Label Maker, and your label options are endless!

Voice/Data Cabling Labels & Tags



Voice and Data Cabling Labels and Tags for the Brady BMP71 printer
Polyethylene (B-109), Self-Laminating Vinyl (B-427), Low Smoke Self-Laminating Tedlar (B-642)

Part Number	Description	Material	Qty	Dimensions			Price
				A	B	C	
M71-12-109	Cable Tag	-	100	0.75"	3"	-	36.77
M71-19-427-YL	2 pair Fiber, Single/Multimode	Self-Laminating Vinyl	250	1"	1"	0.375"	38.61
BM71-19-427	2 pair Fiber, Single/Multimode	Self-Laminating Vinyl	2500	1"	1"	0.375"	244.77
M71-21-427-YL	25 pair Copper, 4-12 pair Fiber	Self-Laminating Vinyl	100	1"	2.5"	0.75"	34.28
BM71-21-427	25 pair Copper, 4-12 pair Fiber	Self-Laminating Vinyl	1000	1"	2.5"	0.75"	191.55
BM71-23-427	50 pair Copper, 24 pair Fiber	Self-Laminating Vinyl	1000	1"	4"	1"	228.72
M71-29-427	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	5000	0.5"	1.5"	0.5"	340.19
M71-30-427-BL	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	250	0.75"	1.5"	0.5"	45.28
M71-30-427-PL	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	250	0.75"	1.5"	0.5"	45.28
M71-30-427-RD	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	250	0.75"	1.5"	0.5"	45.28
M71-30-427	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	2500	0.75"	1.5"	0.5"	253.45
M71-31-427-GR	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	250	1"	1.5"	0.5"	58.37
M71-31-427-RD	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	250	1"	1.5"	0.5"	58.37
M71-31-427-YL	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	250	1"	1.5"	0.5"	58.37
M71-31-427	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	2500	1"	1.5"	0.5"	321.24
M71-32-427-YL	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	250	1.5"	1.5"	0.5"	58.75
BM71-32-427	50 pair Copper, 24 pair Fiber	Self-Laminating Vinyl	1000	1.5"	4"	1"	132.15
BM71-34-427	100 pair Copper, 25 pair Fiber	Self-Laminating Vinyl	500	1.5"	6"	1.5"	255.45
M71-36-109	Cable Tag	-	250	1.75"	1.125"	-	49.20
M71-66-427	50 pair Copper, 24 pair Fiber	Self-Laminating Vinyl	100	1.94"	3.15"	1"	44.09
M71-88-427	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	250	1.75"	1.5"	0.5"	61.89
M71-103-427	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	250	1"	1.25"	0.5"	42.14
M71-104-427	2 pair Fiber, Single/Multimode	Self-Laminating Vinyl	250	1.5"	1"	0.375"	45.80
M71-10-427	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	100	2"	1.5"	0.5"	34.94
BM71-107-427	CAT-5, 4 pair UTP Copper	Self-Laminating Vinyl	1000	2"	1.5"	0.5"	384.69
M71-109-427	50 pair Copper, 24 pair Fiber	Self-Laminating Vinyl	100	1.5"	4"	1.5"	44.09

Wire and Cable Marking



Black

Red

Labels for the Brady BMP71 printer
B-427 Self Laminating White/Transparent Vinyl, Repositionable Vinyl Cloth (B-498), Nylon Cloth (B-499), Self-Laminating Tedlar (B-642)

Part Number	Material	Qty	A	B	C	Character	Lines	Price
4 to 10 Gauge Wire (AWG) Based on THHN Wire - Maximum Wire Diameter - 0.260in (6.64mm)								
M71-28-427	Self-laminating Vinyl	750	0.25"	1.5"	0.5"	5	5	44.49
M71-28-499	Nylon Cloth	750	0.25"	1.5"	-	5	16	53.52
M71-29-427	Self-laminating Vinyl	500	0.5"	1.5"	0.5"	11	5	48.67
M71-29-499	Nylon Cloth	500	0.5"	1.5"	-	11	16	51.02
M71-30-427	Self-laminating Vinyl	250	0.75"	1.5"	0.5"	18	5	32.47
M71-30-427-BL	Self-Laminating Vinyl	250	0.75"	1.5"	0.5"	18	5	45.28
M71-30-427-PL	Self-Laminating Vinyl	250	0.75"	1.5"	0.5"	18	5	45.28
M71-30-427-RD	Self-Laminating Vinyl	250	0.75"	1.5"	0.5"	18	5	45.28
BM71-30-427	Self-laminating Vinyl	2500	0.75"	1.5"	0.5"	18	5	253.45
M71-30-498	Repositionable Vinyl Cloth	250	0.75"	1.5"	-	18	16	43.97
M71-30-499	Nylon Cloth	250	0.75"	1.5"	-	18	16	45.16
M71-31-427	Self-laminating Vinyl	250	1"	1.5"	0.5"	24	5	45.80
M71-31-427-GR	Self-Laminating Vinyl	250	1"	1.5"	0.5"	24	5	58.37
M71-31-427-RD	Self-Laminating Vinyl	250	1"	1.5"	0.5"	24	5	58.37
M71-31-427-YL	Self-Laminating Vinyl	250	1"	1.5"	0.5"	24	5	58.37
BM71-31-427	Self-laminating Vinyl	2500	1"	1.5"	0.5"	24	5	321.24
M71-31-498	Repositionable Vinyl Cloth	250	1"	1.5"	-	24	16	51.02
M71-31-499	Nylon Cloth	250	1"	1.5"	-	24	16	52.34
M71-32-427	Self-laminating Vinyl	250	1.5"	1.5"	0.5"	37	5	47.30
M71-32-427-YL	Self-Laminating Vinyl	250	1.5"	1.5"	0.5"	37	5	58.75
BM71-32-427	Self-laminating Vinyl	1000	1.5"	1.5"	0.5"	37	5	132.15
M71-88-427	Self-Laminating Vinyl	250	1.75"	1.5"	0.5"	40	5	61.89
10 to 12 Gauge Wire (AWG) Based on THHN Wire - Maximum Wire Diameter - 0.210in (5.30 mm)								
M71-16-498	Repositionable Vinyl Cloth	500	0.375"	1"	-	8	10	53.78
M71-16-499	Nylon Cloth	500	0.375"	1"	-	8	10	54.96
M71-17-427	Self-Laminating Vinyl	500	0.5"	1"	0.375"	11	3	39.78
BM71-17-427	Self-Laminating Vinyl	5000	0.5"	1"	0.375"	11	3	278.19
M71-18-427	Self-Laminating Vinyl	250	0.75"	1"	0.375"	18	3	31.83
BM71-18-427	Self-Laminating Vinyl	2500	0.75"	1"	0.375"	18	3	227.81
M71-18-498	Repositionable Vinyl Cloth	250	0.75"	1"	-	18	10	37.03
BM71-18-498	Repositionable Vinyl Cloth	2500	0.75"	1"	-	18	10	251.62
M71-18-499	Nylon Cloth	250	0.75"	1"	-	18	10	37.82
M71-19-427	Self-laminating Vinyl	250	1"	1"	0.375"	24	3	35.73
M71-19-427-YL	Self-Laminating Vinyl	250	1"	1"	0.375"	24	3	39.38
BM71-19-427	Self-Laminating Vinyl	2500	1"	1"	0.375"	24	3	249.67
M71-19-498	Repositionable Vinyl Cloth	250	1"	1"	-	24	10	40.18
BM71-19-498	Repositionable Vinyl Cloth	2500	1"	1"	-	24	10	272.93
M71-19-499	Nylon Cloth	250	1"	1"	-	24	10	41.09
10 to 16 Gauge Wire (AWG) Based on THHN Wire - Maximum Wire Diameter - 0.160in (4.10 mm)								
M71-10-427	Self-Laminating Vinyl	750	0.25"	0.75"	0.375"	5	3	34.94
M71-11-427	Self-Laminating Vinyl	500	0.5"	0.75"	0.375"	11	3	37.15
BM71-11-427	Self-Laminating Vinyl	5000	0.5"	0.75"	0.375"	11	3	260.12
M71-11-498	Repositionable Vinyl Cloth	500	0.5"	0.75"	-	11	8	44.76
BM71-11-498	Repositionable Vinyl Cloth	5000	0.5"	0.75"	-	11	8	313.52
M71-11-499	Nylon Cloth	500	0.5"	0.75"	-	11	8	45.80
BM71-11-499	Nylon Cloth	5000	0.5"	0.75"	-	11	8	321.24
M71-96-427	Self-Laminating Vinyl	250	1"	0.75"	0.375"	24	3	25.37
16 to 22 Gauge Wire (AWG) Based on THHN Wire - Maximum Wire Diameter - 0.110in (2.80 mm)								
M71-7-498	Repositionable Vinyl Cloth	500	0.5"	0.5"	-	11	5	49.20
M71-7-499	Nylon Cloth	500	0.5"	0.5"	-	11	5	49.20

*Can not combine with other offers



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Pan-Way LD Surface Raceway System

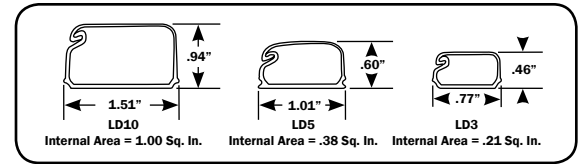


- For routing data and low voltage cabling
- One-Piece Hinged Design allow cable to be laid in
- Factory applied adhesive backing speeds installation

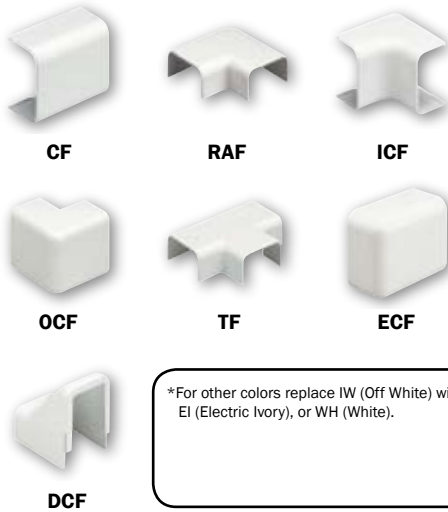
*for other colors replace IW (Off White) with EI (electric Ivory), or WH (White).

Part #	Description	Size	Length	Price
LD3IW6-A	One-piece latching surface raceway	.77" X .46"	6'	\$9.25
LD5IW6-A	One-piece latching surface raceway	1.01" x .58"	6'	\$10.35
LD10IW6-A	One-piece latching surface raceway	1.51" x .94"	6'	\$14.25

- FT4 rated
- Terminates using surface mount outlet box solutions or - Panduit® Mini-Com® Surface Mount Boxes



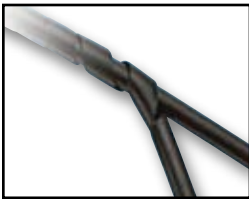
Standard Fittings for Low Voltage Applications



*For other colors replace IW (Off White) with EI (Electric Ivory), or WH (White).

Part #	Description	Colors	Std. Pkg. Qty.	Price
CF3IW-E	Coupler fitting for use with LD3 raceway	Off White	1	\$1.05
CF5IW-E	Coupler fitting for use with LD5 raceway	Off White	1	\$1.10
CF10IW-X	Coupler fitting for use with LD10 raceway	Off White	1	\$1.50
RAF3IW-E	Right angle fitting for use with LD3 raceway	Off White	1	\$1.05
RAF5IW-E	Right angle fitting for use with LD5 raceway	Off White	1	\$1.10
RAF10IW-X	Right angle fitting for use with LD10 raceway	Off White	1	\$1.50
ICF3IW-E	Inside corner fitting for use with LD3 raceway	Off White	1	\$1.05
ICF5IW-E	Inside corner fitting for use with LD5 raceway	Off White	1	\$1.10
ICF10IW-X	Inside corner fitting for use with LD10 raceway	Off White	1	\$1.50
OCF3IW-E	Outside corner fitting for use with LD3 raceway	Off White	1	\$1.05
OCF5IW-E	Outside corner fitting for use with LD5 raceway	Off White	1	\$1.10
OCF10IW-X	Outside corner fitting for use with LD10 raceway	Off White	1	\$1.50
TF3IW-E	Tee fitting for use with LD3 raceway	Off White	1	\$1.05
TF5IW-E	Tee fitting for use with LD5 raceway	Off White	1	\$1.10
TF10IW-X	Tee fitting for use with LD10 raceway	Off White	1	\$1.50
ECF3IW-E	End cap fitting for use with LD3 raceway	Off White	1	\$1.05
ECF5IW-E	End cap fitting for use with LD5 raceway	Off White	1	\$1.10
ECF10IW-X	End cap fitting for use with LD10 raceway	Off White	1	\$1.50
DCF3IW-X	Drop ceiling/entrance end fitting for use with LD3 raceway	Off White	1	\$1.75
DCF5IW-X	Drop ceiling/entrance end fitting for use with LD5 raceway	Off White	1	\$1.85
DCF10IW-X	Drop ceiling/entrance end fitting for use with LD10 raceway	Off White	1	\$1.85

Spiral Wrap



- Harness multiple cables into a single manageable bundle
- Allows breakouts of single/multiple cables
- Provides protection for cables
- Multiple colors allow easy identification of cable bundles
- Installation tool supplied in each package
- Bundle Range: 0.38" - 4.00"
- Packaged on a 100' reel for easy handling & dispensing of product.

*Flame retardant products are UL94V-0 rated

Part #	Color	Material	Qty	Price
T50F-C	Natural	Polyethylene	1 Roll	\$135.00
T50F-C0	Black	Weather Resistant Polyethylene	1 Roll	\$169.00
T50F-C1	Brown	Polyethylene	1 Roll	\$155.00
T50F-C2	Red	Polyethylene	1 Roll	\$155.00
T50F-C3	Orange	Polyethylene	1 Roll	\$155.00
T50F-C4	Yellow	Polyethylene	1 Roll	\$155.00
T50F-C5	Green	Polyethylene	1 Roll	\$155.00
T50F-C6	Blue	Polyethylene	1 Roll	\$155.00
T50F-C7	Purple	Polyethylene	1 Roll	\$155.00
T50F-C8	Gray	Polyethylene	1 Roll	\$155.00
T50F-C10	White	Polyethylene	1 Roll	\$155.00
T50F-C16	Pink	Polyethylene	1 Roll	\$155.00
T50FR-C*	Natural	Flame Retardant Polyethylene	1 Roll	\$225.00
T50FR-C20*	Black	Flame Retardant Polyethylene	1 Roll	\$255.00

Loom Tubing



- Provides protection for cables
- Packaged on a reel for easy handling and dispensing.
- For indoor use only
- Material: Polyethylene

Solid Wall

Part #	Color	Inside Dia	Outside Dia	Length	Qty	Price
CLTS25F-C3	Orange	.28"	.39"	100'	1 Roll	\$38.00
CLTS38F-C3	Orange	.42"	.56"	100'	1 Roll	\$45.00
CLTS50F-C3	Orange	.51"	.67"	100'	1 Roll	\$48.00
CLTS75F-C3	Orange	.76"	.94"	100'	1 Roll	\$68.00
CLTS100F-C3	Orange	.92"	1.09"	100'	1 Roll	\$89.50
CLTS125F-L3	Orange	1.29"	1.50"	50'	1 Roll	\$55.00
CLTS150F-D3	Orange	1.48"	1.73"	500'	1 Roll	\$460.00
CLTS25F-C	Black	.28"	.39"	100'	1 Roll	\$33.10
CLTS38F-C	Black	.42"	.56"	100'	1 Roll	\$39.10
CLTS75F-C	Black	.76"	.94"	100'	1 Roll	\$59.60
CLTS100F-C	Black	.92"	1.09"	100'	1 Roll	\$76.90
CLTS125F-L	Black	1.29"	1.50"	50'	1 Roll	\$47.45

Slit Wall

Part #	Color	Inside Dia	Outside Dia	Length	Qty	Price
CLT25F-C3	Orange	.27"	.39"	100'	1 Roll	\$38.00
CLT38F-C3	Orange	.41"	.56"	100'	1 Roll	\$45.00
CLT50F-C3	Orange	.51"	.67"	100'	1 Roll	\$48.00
CLT75F-C3	Orange	.76"	.94"	100'	1 Roll	\$68.00
CLT100F-C3	Orange	.92"	1.09"	100'	1 Roll	\$88.50
CLT125F-L3	Orange	1.29"	1.50"	50'	1 Roll	\$55.00
CLT150F-X3	Orange	1.55"	1.86"	10'	1 Roll	\$29.25
CLT188F-X3	Orange	1.88"	2.17"	10'	1 Roll	\$37.70
CLT25F-C20	Black	.27"	.39"	100'	1 Roll	\$33.10
CLT38F-C20	Black	.41"	.56"	100'	1 Roll	\$39.10
CLT50F-C20	Black	.51"	.67"	100'	1 Roll	\$41.45
CLT75F-C20	Black	.76"	.94"	100'	1 Roll	\$59.60
CLT100F-C20	Black	.92"	1.09"	100'	1 Roll	\$76.90
CLT125F-L20	Black	1.29"	1.50"	50'	1 Roll	\$47.45
CLT150F-T20	Black	1.55"	1.86"	200'	1 Roll	\$210.00
CLT150F-X20	Black	1.55"	1.86"	10'	1 Roll	\$25.45
CLT188F-X20	Black	1.88"	2.14"	10'	1 Roll	\$32.75
CLT150F-X4	Yellow	1.55"	1.86"	10'	1 Roll	\$29.25
CLT188F-X4	Yellow	1.88"	2.17"	10'	1 Roll	\$37.70

Hook and Loop Cable Ties 8" (25pc Pack)



900-098-BK	Cable Ties Black	\$7.50
900-098-BU	Cable Ties Blue	\$7.50
900-098-GN	Cable Ties Green	\$7.50
900-098-OR	Cable Ties Orange	\$7.50
900-098-RD	Cable Ties Red	\$7.50
900-098-WH	Cable Ties White	\$7.50
900-098-YL	Cable Ties Yellow	\$7.50
902-035	Material - 50ft.	\$21.00

Stapler



- CP-391-1:** Round Cable: Height: 4mm - 6mm, Flat: Height: 2.5mm-4mm W: Below 8mm)
- CP-391-2:** Round Cable: Height: 6mm - 8mm, Flat: Height: 4.5mm-6.3mm W: Below 10.3mm)

CP-391	All in One Cable Tacker	\$19.95
CP-391-1	Cable Staples	\$9.90
CP-391-2	Cable Staples	\$9.95

Cable Ties



- Cable ties can be used in countless ways
- Provides performance & reliability

Part #	Style	Length	Strength	Qty	Price
08387	Natural	7.5"	50lbs	1000	\$25.00
08388	Black	7.5"	50lbs	1000	\$25.00
08600	Natural	11"	50lbs	1000	\$45.00
08286	Black	11"	50lbs	1000	\$55.00
10038	Natural	14.5"	120lbs	100	\$98.00
10039	Black	14.5"	120lbs	100	\$110.00

Electrical Tape



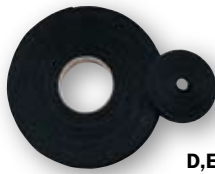
Pressure-sensitive tape used to insulate electrical wires and other material that conduct electricity. It stretches well and gives an effective and long lasting insulation.

3/4-66-XX Electrical Tape **\$0.75**

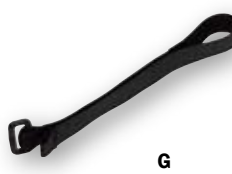
Velcro Brand Cable Fasteners



A-C



D,E



G



H



F

Velcro Brand Compression Straps

- Available in 15" lengths, 0.5" width
- Able to support a variety of loads
- Easy feedthrough slot helps secure fastening without over-tightening
- Strap locked area 10 sq. inches

Velcro Brand Tie Wraps

- Available in 5, 8, & 12" L, 0.5" W
- Slot helps secure w/o over-tightening
- All wraps come 25 units per roll

Velcro Brand Wraps - Bulk Rolls

- Available in 15, 75, & 600' rolls, 0.5"
- Cut to desired length

Velcro Brand Wraps - Softcinch Lite Rolls

- Thinner material for smaller bundles
- Tear by hand for quick application
- Cut to desired length
- Available in 75' roll, 0.5" width

	Description	Black	Blue	Yellow	Orange	Price
A	Tie Wrap, 5"	43105-005	43105-05L	43105-05Y	43105-05O	\$13.99/25 Pack
B	Tie Wrap, 8"	43108-008	43108-08L	43108-08Y	43108-08O	\$19.99/25 Pack
C	Tie Wrap, 12"	43112-012	43112-12L	43112-12Y	43112-12O	\$35.25/25Pack
D	Bulk Roll, 15'	43115-015	43115-15L	43115-15Y	43115-15O	\$18.99
E	Bulk Roll, 75'	43115-075	43115-75L	43115-75Y	43115-75O	\$65.00
F	Bulk Roll, 100'	43115-600				\$389.00
G	Compression Strap, 15"	44115-15E	44115-15L	44115-15Y	45115-15O	\$285.00/10 Pack
H	SoftCinch Lite, 75'	45115-75E				\$49.65

Velcro Brand Utility Fasteners



A,B



C



F



D



E



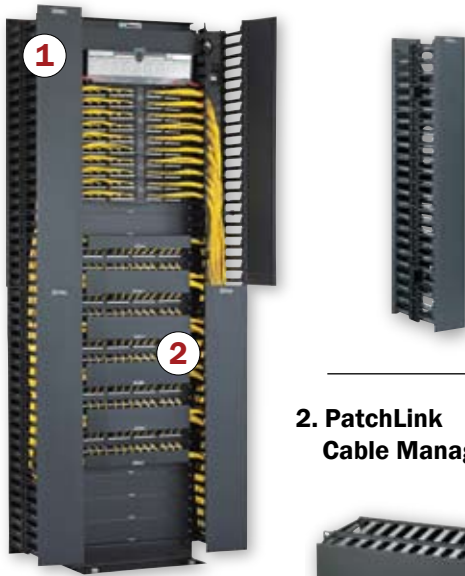
G

Velcro Brand Utility Fasteners:

- Saddle Ties attach to wood surfaces, relay racks, and enclosures.
- Compression Straps provide the ideal solution for heavy vertical cable runs.
- J Hooks are height adjustable to bypass obstacles and open to 8" diameter.
- Workstation Loops, with 5.25" loop, attach with convenient peel-off adhesive.
- Orange fasteners hold cable bundles up to 3" diameter.
- Rings for inside/outside plant ensure fiber optic bend radius; loops included.

A: 41020-SPR	Saddle Ties w/ 10/32 metal rack screws (10/pack)	\$24.60
B: 41010-SPW	Saddle Ties w/ #8 wood screws (10/pack)	\$24.60
C: 46700-SLG	"J" Hook	\$87.45
D: 45224-RCS	Compression Strap	\$19.99
E: 41225-SAP	Workstation Loops with Peel-Off Adhesive (25/Pack)	\$14.35
F: 41030-OFT	Fasteners, Orange (10/pack)	\$12.75
G: 48900-IFR	Storage Rings, Inside Plant, 11/75" diameter	\$30.95
48900-OFR	Storage Rings, Outside Plant, 24" diameter	\$83.75

1. Vertical Managers



Racks Sold Separately

- Integral retainers on the end of each finger to help contain cables within rack unit
- Bend radius fingers align w/rack spaces to support as they go to a vertical pathway
- Covers can open 110° to the left/right to provide access to cables inside.
- Retainers can be on fingers to help retain cables during installation & maintenance
- Include hinged covers, cable retainers, brackets & #12-24 screws

Part Number	WMPV45E	WMPV22E	WMPVF45E
Part Description	Front & rear vertical manager	Front & rear vertical manager	Front only vertical manager
Depth (In.)	11.8	11.8	6.5
Height (In.)	80.4	40.2	80.4
Width (In.)	4.9	4.9	4.9
Cable Capacity - Cat 6 (.250)	131 Front and 131 Rear	131 Front and 131 Rear	131 Front Only
No. of Rack Spaces	45	22	45
Price	\$195.00	\$97.50	\$120.85

WMPVCBE Bracket kit to mount vertical cable managers between two adjacent racks **\$8.50**

2. PatchLink Cable Managers



- Manage, protect, & showcase cables between patch panels on 19" EIA racks
- Capacities are based on a fill rate of 40%
- Dual Hinged Covers conceal cable pathway & provide easy access w/o removing the door
- For comparison, multiply by 1.25 for a fill rate of 50%

Part Number	WMP1E	WMPFSE	WMPH2E**	WMPHF2E**	WMPLFSE	WMPSE
Part Description	3.5"H x 19.0"W x 8.9"D	1.7"H x 19.0"W x 3.7"D	3.5"H x 20.2"W x 8.9"D	3.5"H x 20.2"W x 3.7"D	1.7"H x 19.0"W x 2.7"D	1.7"H x 19.0"W x 8.9"D
Cable Capacity*	36 Front/Rear	18 Front Only	36 Front/Rear	36 Front Only	12 Front Only	18 Front/Rear
# of Spaces	2	1	2	2	1	1
Price	\$52.40	\$34.95	\$61.25	\$47.65	\$34.95	\$45.50

*Based off of Cat 6 (.250) Cable **Includes extended front covers & 2 bend radius clips.

1. PatchRunner™ Vertical Manager



Racks Sold Separately

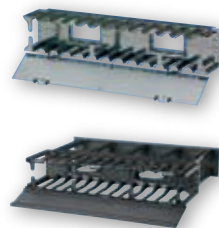
- High density minimizes area required for network layout, freeing up floor space
- Cable manager fingers support cables as they go to the vertical pathway removing the need for horizontal managers
- Individual fingers can be removed w/o a tool for routing of cable bundles
- Fingers align with spaces simplifying cable routing
- Slack management spools organize patch cord slack allowing standardization of patch cords

Vertical Manager - Manage Cable on Front and Rear of Rack		Rack Space*	Price
PRV12	Vertical cable manager, Dimensions: 83.9"H x 12.0"W x 16.4"D	45	\$610.00
PRV8	Vertical cable manager, Dimensions: 83.9"H x 8.0"W x 16.4"D	45	\$465.00
PRV6	Vertical cable manager, Dimensions: 84"H x 6"W x 16.4"D	45	\$415.00
Vertical Manager - Manage Cable on Front of Rack Only		Rack Space*	Price
PRVF12	Vertical cable manager, Dimensions: 83.9"H x 12.0"W x 9.7"D	45	\$390.00
PRVF8	Vertical cable manager, Dimensions: 83.9"H x 8.0"W x 9.7"D	45	\$335.00
PRVF6	Vertical cable manager, Dimensions: 83.9"H x 6.0"W x 9.7"D	45	\$305.00

Includes 4 PRSP7 slack spools except for PRV6 and PRVF6. *One rack space = 1.75" (44.45mm).

Vertical Manager - Doors		Rack Space*	Price
PRD12	Dual hinged metal door. Dimensions: 82.8"H x 12.1"W x 1.6"D	45	\$235.00
PRD8	Dual hinged metal door. Dimensions: 82.8"H x 8.1"W x 1.6"D	45	\$205.00
PRD6	Dual hinged metal door. Dimensions: 82.8"H x 6.1"W x 1.6"D	45	\$185.00

2. NetManager Cable Managers



- NetManagers manage & protect cables between patch panels on 19" EIA racks
- Capacities are based on a fill rate of 40%
- Dual Hinged Covers conceal cable pathway & provide easy access w/o removing the door
- For comparison, multiply by 1.25 for a fill rate of 50%

Cable Capacity Chart for NetManager High Capacity Horizontal Cable Managers										
Part #	Cat. 6A (.298")		Cat. 6A (.289")		Cat. 6 (.250")		Cat. 5e (.187")		Fiber (3mm)	
	Front	Back	Front	Back	Front	Back	Front	Back	Front	Back
NM1	18	18	18	18	24	24	48	48	120	120
NM2	54	54	54	54	78	78	138	138	348	348
NM3	96	96	102	102	132	132	246	246	618	618
NM4	144	144	144	144	192	192	348	348	882	882
NMF1	18	-	18	-	24	-	48	-	120	-
NMF2	54	-	54	-	78	-	138	-	348	-
NMF3	96	-	102	-	132	-	246	-	618	-
NMF4	144	-	144	-	192	-	348	-	882	-
Cable Capacity Chart for NetManager Horizontal Cable Managers										
NCMH2	-	-	-	-	48	48	72	72	192	192
NCMHF2	-	-	-	-	48	-	72	-	192	-
NCMHF1	-	-	-	-	16	-	24	-	72	-

The SpaceMaker



Mounts to front or rear of standard TIA/EIA racks to support cable bundles and help maintain bend radius. Allows retrofit of current configurations w/o the need to move existing patch panels.

Saves up to 80% installation labor time and REQUIRES NO RACK SPACE to install. Works for both new installations or retrofits. Allows cable management of 24 to 96 ports.

41188-SM1 The SpaceMaker **\$41.95**

Horizontal Cable Managers



WM series cable managers provide increased strength and do not interfere with panels mounted above or below. They are a popular and economical solution for providing a clean and simple means of organizing small-to-large bundles of cables and patch cords.



WM-143-5	1U cable manager with 5 S143 hangers	\$40.45
WM-144-5	2U cable manager with 5 S144 hangers	\$38.25
WM-145-5	2U cable manager with 5 S145 hangers	\$44.75

Horizontal Cable Managers



Organize patch cords and maintain a required bend radius. Available in a wide variety of styles to suit any application. The D-Ring provides a creative solution for adding individual D-Rings to a rack or on a wall using appropriate fasteners. Select styles also available in 23" panel widths. For optimal performance, do not exceed a 50% fill rate when passing cables through cable rings. Finished in a durable black power coat.



Part #	Description	Width	Ring Fill Area	Price
HCM-1	1 3/4" (1 sp.) "micro-clip"	19"	7/8"²	\$19.60
HCM-1V	1 3/4" (1 sp.) "micro-clip" w/end D-Rings	19"	7/8"²	\$34.75
HCM-1D	1 3/4" (1 sp.) "D-Ring"	19"	3 1/8"²	\$24.50
HCM-1DV	1 3/4" (1 sp.) "D-Ring" w/end D-Rings	19"	3 1/8"²	\$34.75
HCM-2D	3 1/2" (2 sp.) "D-Ring"	19"	7 1/2"²	\$26.45
HCM-2DV	3 1/2" (2 sp.) "D-Ring" w/end D-Rings	19"	6 1/4"²	\$37.50
HCM-1DR	1 3/4" (1 sp.) "D-Ring" front and rear	19"	15"²	\$32.35
HCM-2DR	3 1/2" (2 sp.) "D-Ring" front and rear	19"	7 1/2"²	\$42.50

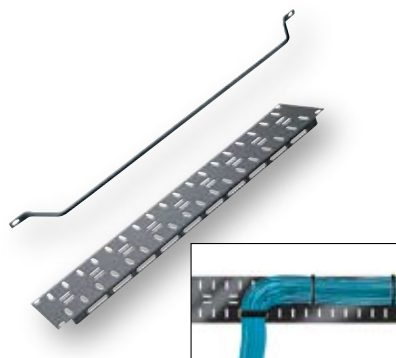
Hinged Horizontal Cable Manager



Conceal patch cables while providing cable strain relief with the new hinged horizontal wire managers. These 19" wire managers provide a strong method for organizing patch cords and maintaining the bend radius. The latching hinged front panel conceals cables dressed between components and cable chases.

HHCM-1	1 3/4" (1 space) Hinged Horizontal Cable Manager	\$32.35
HHCM-2	3 1/2" (2 space) Hinged Horizontal Cable Manager	\$36.45

Lacing Bars & Panels

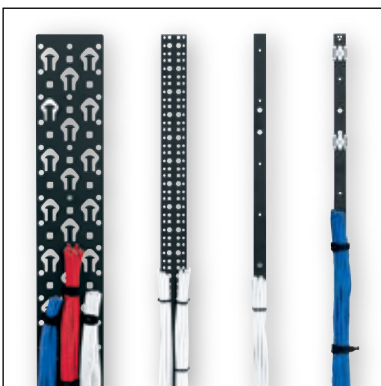


Made for 1/4" diameter rod with flattened ends (model LBP-1R, LBP-1.5 and LBP-1R4) or 3/16" thick aluminum (model LBP-1S), & finished in a black coat, each bar provides convenient cable tie points. Model LBP-1R4 features a 4" offset & model LBP-1.5 features a 1 1/2" offset. Model LBP-1A, LBP-2A, LBP-4A and LBP-6A feature a formed "L" shape, cable tie slots, & are offered in straight and 2", 4", and 6" offset models. Covers, #12-24 and M6 mounting screws included.

Use the LBP-LTF when lacing large amounts of cable of mounting devices. Two rackspaces high, the LBP-LTF features a large flange, numerous cable tie points. (Lacer Panel sold in packs of 10)

Part Number	Lacer Bar Description	Length	Price
LBP-1R	Round Rod	19"	\$38.90
LBP-1S	Rectangular Bar	19"	\$38.90
LBP-1A	"L" Bar	19"	\$24.90
LBP-2A	"L" Bar 2" Offset	19"	\$42.70
LBP-4A	"L" Bar 4" Offset	19"	\$47.50
LBP-6A	"L" Bar 6" Offset	19"	\$53.95
LBP-1.5	1.5" Offset Round Rod	19"	\$56.00
LBP-1R4	4" Offset Round Rod	19"	\$62.35

Vertical Lacer Strips



Perforated steel lacer strips mount vertically to rackrail brackets and provide many locations for securing cable ties. Lacer strips can be cut down easily to smaller sizes. LACE-OWP and LACE-OP strips with tie posts for sliding on pre-wrapped cable bundles using 3/4" hook and loop straps or cable ties. Some lacer strips also accept cage nuts or mounting of select power strips for increased versatility. All strips sold in packs of 6

Part Number	Description	Compatible Cable Management Options				Price
		Cable Ties	TSW-15	TW-12	Cage Nuts	
LACE-44-OWP	4 3/4" width, 44 space w/tie post	•	•	•	•	\$160.00
LACE-40-OWP	4 3/4" width, 40 space w/tie post	•	•	•	•	\$155.00
LACE-37-OWP	4 3/4" width, 37 space w/tie post	•	•	•	•	\$149.99
LACE-44-OP	3 1/4" width, 44 space w/tie post	•	•	•	•	\$139.50
LACE-40-OP	3 1/4" width, 40 space w/tie post	•	•	•	•	\$134.25
LACE-37-OP	3 1/4" width, 37 space w/tie post	•	•	•	•	\$128.95
LACE-44LP	3 1/2" width, 44 space w/tie post	•	-	-	-	\$159.00
LACE-37LP	3 1/2" width, 37 space w/tie post	•	-	-	-	\$139.00
LACE-P	2" width, 45 space, 1/8" thick w/round holes	•	•	-	-	\$90.50
LACE-37P	2" width, 37 space, 1/8" thick w/round holes	•	•	-	-	\$82.95
LACE-44-1SP	1" width, 44 space w/10 pre-installed tie saddles	•	Included	•	-	\$165.00
LACE-37-1SP	1" width, 37 space w/10 pre-installed tie saddles	•	Included	-	-	\$154.00
LACE-44-1P	1" width, 44 space tapped for tie saddles	•	•	-	-	\$90.50
LACE-37-1P	1" width, 37 space tapped for tie saddles	•	•	-	-	\$82.95

Versi-Duct Management



Vertical Management



Horizontal Management

Versi-Duct 8" Channel Cable Management

- Ideal for today's large-scale deployments & CAT 6A installations w/larger dia. cable
- 80" Channel ships in 40" pieces for easier handling and installation
- Channels available with standard or new designer cover
- Channels include cover, slack spools, and cable retainers and mounting brackets
- Included cover features unique, integrated dual-hinge for easy accessibility
- Same channels can be side or center mounted for better space utilization

Versi-Duct 5" Channel Cable Management

- Versatile accessories allow unique installation configurations
- 80" Channel now ships in two 40" pieces for easier handling and installation
- Interlocking tabs maintain flush channel alignment
- Finger spacing aligns with rack units.

Determine which Versi-Duct size meets your needs using this capacity chart. Find your cable type, and then select 5" or 8" Versi-Duct based on current fill rate and future expansion needs. TIA recommends using a maximum of 40% for total capacity. To allow for future growth, 50% fill rate is shown	Channel Size	CAT 6A (.354")		CAT 6 (.250)		CAT 5E (.180")	
		40% Fill	50% Fill	40% Fill	50% Fill	40% Fill	50% Fill
Versi-Duct Capacity (In Numbers of Cables)							
5" Channel Size (per side)	5" x 4"	61	76	122	153	236	295
8" Channel Size (per side)	8" x 8"	182	229	366	459	708	885

Versi-Duct Channel Vertical Cable Management 8"

8980L-VFO	Vertical 80" L, 8" W x 8" D channel w/standard hinged black cover, front only	\$275.50
8980L-VFR	Vertical 80" L, 8" W x 8" D channel w/standard hinged black cover, front & back	\$349.75
8C80L-VFO	Vertical 80" L, 8" W x 8" D channel w/designer hinged grey cover, front only	\$275.50
8C80L-VFR	Vertical 80" L, 8" W x 8" D channel w/designer hinged grey cover, front & back	\$349.00
89265-BKT	Vertical Center Mounting Bracket, 8" Channel	\$21.80
89265-WR1	Vertical Wire Retainer, 8" Channel	\$13.50
89265-SL1	Vertical Slack Loop Organizer, 8" Channel	\$13.50

Versi-Duct Channel Vertical Cable Management 5"

4980L-VFO	Vertical 80" L, 5"W x 4"D Channel w/standard snap-on black cover, front only	\$103.45
4980L-VFR	Vertical 80" L, 5"W x 4"D Channel w/standard snap-on black cover, front & back	\$158.00
4940L-VFO	Vertical 40" L, 5"W x 4"D Channel w/standard snap-on black cover, front only	\$43.65
4940L-VFR	Vertical 40" L, 5"W x 4"D Channel w/standard snap-on black cover, front & back	\$66.25
49265-5VC	Vertical Designer cover, 5" channel snap-on grey	\$35.25
49265-BKT	Mounting bracket, 5" Channel	\$12.55

Versi-Duct Horizontal Cable Management & Accessories

492RU-HFO	Horizontal Manager, 2RU, 3"W x 3"D front, 2"W x 4"D rear*, front only	\$30.10
492RU-HFR	Horizontal Manager, 2RU, 3"W x 3"D front, 2"W x 4"D rear*, front & back	\$39.15
491RU-HFO	Horizontal Manager, 1RU, 1.5" W x 3"D front, 1.5" W x 4"D rear*, front only	\$25.95
491RU-HFR	Horizontal Manager, 1RU, 1.5" W x 3"D front, 1.5" W x 4"D rear*, front only	\$35.65

Versi-Duct Management



Horizontal Cable Managers

- Available in 1RU and 2RU Sizes
- All mount to standard 19" racks and cabinets
- Horizontal Managers support transition to vertical management
- Combo managers offer front and rear management

49253-LPM	Horizontal Manager, 1RU, 4" metal rings	\$29.45
49253-BCM	Horizontal Manager, 2RU, 4" metal rings	\$42.55
49253-2CM	Horizontal Manager, 2RU, 2" metal rings	\$40.25

WireMate Cable Management Kit



Organize Cables:

- Prevents trip hazards, toddler and pet entanglements
- Eliminates wire tangles & clutter
- Neatly conceals excess wires of varying thickness & contributes to a clean work space
- Simplifies set-up, cleaning and relocations

Protect and Shield Wires:

- Reduces accidental power disruptions and downtime
- Protects wires from liquid spills
- Discourages tampering of configuration components
- Durable high-impact precision molded resin for indoor and outdoor applications

Conceal Cables & Wires:

- Ergonomic design optimizes storage capacity to 12-18 wires
- Stores extra wire for upgrades modifications and
- Easily mounts to any flat surface such as a wall, desk side, or remains free standing
- Colors: White, Black, Gray

WIREMATE-XX WireMate Cable Management Kit

\$16.95



BEFORE



AFTER



Available in Black (BK), Grey (GY), & White (WT).

Cable Capture

Does it feel like digital and electronic devices are ever expanding in your home or office resulting in a big nuisance of tangled cords and cables?

Cable Capture® provides a simple solution to the problem. Excess cord lengths are neatly contained and kept safely out of the way. Remove or add an electronic device with ease.

- Hides tangled, messy cords
- Easier to clean
- Minimizes safety hazards
- Patented, award winning design

Cable Capture Stacker Includes: Six Cable Captures, Base, and Handle

65 Cable Capture Stacker (6 Cables Captures, Base, and Handle)

\$26.99



BEFORE



AFTER

Cable Capture



Simple to Use



Step One: Lift flexible hood and wrap excess cord or cable around center column. Exiting out the slots in the bottom plate.



Step Two: Fold down the flexible hood to hide and capture cord.



Step Three: To connect Cable Captures® together, simply insert and twist a quarter turn. (Cable Capture Jr.'s do not connect together)

Docking Station



Docking Unit allows Cable Captures® to be attached to any vertical or horizontal surface underside of computer work surface, side or back of a CPU, TV stand, music stand, and shelving.

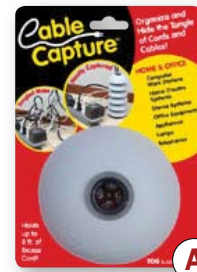
Cords and cables from multiple components are no longer a tangled mess on the floor. Individual component cords can be quickly identified and easily replaced.



Easy to replace an individual cord! Simply detach the Cable Capture® and unwrap cord. Reconnect Cable Captures®.

- | | | |
|--------------|---|----------------|
| A: 10 | Cable Capture® (One Cable capture on a 5" x 7" Card) | \$4.99 |
| B: 15 | Cable Capture® 3-Pak (3 Cable Captures on a 11 5/8" x 7" Card) | \$13.99 |
| C: 30 | Cable Capture Jr.® (One Cable Capture Jr. on a 3" x 6" Card) | \$2.99 |
| D: 40 | Cable Capture® Docking Unit (One Docking Unit on a 3 1/8" x 7" Card) | \$2.99 |
| E: 47 | Cable Capture® Multi-Pak (4 Cable Captures, 2 Cable Capture Jrs & a docking unit) | \$26.99 |

Cable Capture Series



A



B



C



D



E

Hinged Wall Mount Panel



- Hinged for access to rear of equipment
- Available in 1, 2, 4 & 6 rackspace sizes
- 6" depth
- Cable lacing tie points built-in
- Heavy-duty 11-gauge rackrail
- Smooth cutout in rear for cable pass-through
- Finished in a durable black powder coat

HPM-1	Hinged Wall Mount Panel 1 3/4" (1 Space)	\$27.25
HPM-2	Hinged Wall Mount Panel 2 1/2" (2 Space)	\$36.95
HPM-4	Hinged Wall Mount Panel 7" (4 Space)	\$44.95
HPM-6	Hinged Wall Mount Panel 10 1/2" (6 Space)	\$52.80

Pivoting Panel Mount



The logical choice for wall mounting patch panels and networks equipment, pivoting panel mounts are offered in 6", 12" and 18" depths and provide easy rear access. Innovative design with 90° positive stop facilitates punching down while fully open. Featuring abundant tie points for cable management, hook and loop cable fasteners and rugged steel construction. Rack screws and hook and loop fasteners included.

Part #	Height	Racking Height	Depth	Weight Capacity	Price
PPM-2	5 1/4"	3 1/2" (2 Space)	6"	20lbs.	\$54.00
PPM-4	9 1/4"	7" (4 Space)	6"	20lbs.	\$62.00
PPM-6	12 3/4"	10 1/2" (6 Space)	6"	20lbs.	\$65.00
PPM-6-12	12 3/4"	10 1/2" (6 Space)	12"	20lbs.	\$110.00
PPM-8-12	16 1/4"	14" (8 Space)	12"	20lbs.	\$119.95
PPM-8-18	16 1/4"	14" (8 Space)	18"	20lbs.	\$135.00

Swing Gate Rack



Open wall mount design is ideal for swinging equipment out to simplify wiring tasks and mounting components on crowded equipment walls.

- 100lbs weight capacity when mounting on block or concrete wall or wall-strengthening mounting rails
- Swing gate design utilizes pivot points instead of side hinges and can be opened from the left or the right
- Permanently lubricated bushing w/ pivot prevent sag
- Black textured powder coat finish
- 90° opening w/ positive stop facilitates punching down
- Ample tie points and hook and loop cable fasteners facilitate cable management

- Standard 11-gauge, 10-32 threaded rackrail w/ marked rackspace increments
- Rack screws, hook and loop fasteners included

Part #	Height	Racking Height	Depth	Weight Capacity	Price
SGR-12-12	24 1/2"	21" (12 space)	12"	100lbs	\$210.00
SGR-20-12	38 1/2"	35" (20 space)	12"	100lbs	\$235.00
SGR-12-18	24 1/2"	21" (12 space)	18"	100lbs	\$225.00
SGR-20-18	38 1/2"	35" (20 space)	18"	100lbs	\$265.00

Wall Mount Swing Frame



Wall mount swing frames, used to conserve floor space when a full-height floor standing rack is not required.

- 70 lbs. load capacity.
- 16" on center mounting for easy attachment to standard wall studs.
- 3" deep rack uprights.
- EIA-310-D universal spacing tapped #12-24 front/back.

Part #	Height	Rack Units	Width	Depth	Price
HPWWMR24	24"	12	20.7"	18"	\$185.00
HPWWMR36	36"	21	20.7"	18"	\$199.00
HPWWMR48	48"	26	20.7"	18"	\$230.00

Wall Mount Horizontal Equipment Cabinet



- 150 lbs weight capacity
- Reversible hinged door with lock and padlockable latch allows opening from either side and provides additional security
- Electrical box simplifies power distribution
- Constructed of 16-gauge steel, the HDR measure 24" W x 36" H x 7 1/2" D

Thermal Management

- Ventilation slots on front cover address thermal needs.

Cable Management

- Upper set of 2 space rackrail pivots 90° with a positive stop to simplify patch panel wire terminations
- Lower set of 2 space rackrail pivots for easy access to rear switch, hub, and router connection points
- Cable management features include a 7" x 4" cable pass-through on backpan, cable tie point & lacing bar on top of rackrail.
- 24" length of hook & loop fasteners included

Code Compliancy

- Grounding/bonding stud in base of cabinet facilitates grounding & bonding of electronic equipment as per NEBS and NEC standards
- UL Listed in the US and Canada

*Not eligible for Free Shipping

HDR-4	Wall Mount Horizontal Equipment Cabinet	\$330.00
HDR-FAN	External 4 1/2" fan kit and vent blocker	\$49.00

DWR Series Wall Cabinet



- Zero Clearance Latch option allows side-by-side or interior corner mounting
- New center section rear channel accommodates slim power to save space
- Reversible padlockable center section is keyed differently from optional front door
- Finished in a durable black or granite gray textured powder coat.

Cable Management

- 1/2", 3/4", 1", 1 1/2", 2", and 3" electrical knockouts on top and bottom, top knockout plate contains UHF/VHF antenna knockouts
- 2" knockouts, 4" knockouts for Wiremold 4000® Series raceways, and knockouts for UCP Series universal connector panels on side
- Large laser knockout in backpan provides an easily removable 12 1/2" x 12 1/2" pull-box sized opening for cable passage

Time Savings

- Quick-Mount for mounting of the center section to the backpan.
- Standard adjustable front 11-gauge, 10-32 threaded rackrail with marked rackspace increments to speed equipment mounting
- Raised mounting points on backpan accept power

Code Compliancy

- Ground/bonding stud in top and bottom of center section and backpan facilitates proper grounding and bonding of electronic equipment, as per NEBS and NEC Standards
- UL Listed in the US and Canada

*Not eligible for free shipping

Part #	Depth	Racking Height	Capacity	Price
DWR-35-17	17" (15" Useable)	61 1/4" (35 space)	300lbs	\$590.00
DWR-24-17	17" (15" Useable)	42" (24 space)	300lbs	\$498.00
DWR-21-17	17" (15" Useable)	36 3/4" (21 space)	250lbs	\$482.25
DWR-18-17	17" (15" Useable)	31 1/2" (18 space)	250lbs	\$432.00
DWR-16-17	17" (15" Useable)	28" (16 space)	200lbs	\$386.65
DWR-12-17	17" (15" Useable)	21" (12 space)	200lbs	\$333.35
DWR-10-17	17" (15" Useable)	17 1/2" (10 space)	200lbs	\$300.00
DWR-35-22	22" (20" Useable)	61 1/4" (35 space)	300lbs	\$680.00
DWR-24-22	22" (20" Useable)	42" (24 space)	300lbs	\$580.00
DWR-21-22	22" (20" Useable)	36 3/4" (21 space)	250lbs	\$552.90
DWR-18-22	22" (20" Useable)	31 1/2" (18 space)	250lbs	\$475.00
DWR-16-22	22" (20" Useable)	28" (16 space)	200lbs	\$440.65
DWR-12-22	22" (20" Useable)	21" (12 space)	200lbs	\$365.96
DWR-10-22	22" (20" Useable)	17 1/2" (10 space)	200lbs	\$325.00
DWR-35-26	26" (24" Useable)	61 1/4" (35 space)	300lbs	\$765.00
DWR-24-26	26" (24" Useable)	42" (24 space)	300lbs	\$689.00
DWR-18-26	26" (24" Useable)	31 1/2" (18 space)	250lbs	\$490.00
DWR-12-26	26" (24" Useable)	21" (12 space)	200lbs	\$395.00
DWR-24-17PD*	17" (15" Useable)	42" (24 space)	300lbs	\$635.00
DWR-21-17PD*	17" (15" Useable)	36 3/4" (21 space)	300lbs	\$610.00
DWR-16-17PD*	17" (15" Useable)	28" (16 space)	200lbs	\$502.15
DWR-10-17PD*	17" (15" Useable)	17 1/2" (10 space)	200lbs	\$405.00
DWR-35-22PD*	22" (20" Useable)	61 1/4" (35 space)	300lbs	\$895.00
DWR-24-22PD*	22" (20" Useable)	42" (24 space)	300lbs	\$710.00
DWR-21-22PD*	22" (20" Useable)	36 3/4" (21 space)	250lbs	\$664.00
DWR-16-22PD*	22" (20" Useable)	28" (16 space)	200lbs	\$550.50
DWR-10-22PD*	22" (20" Useable)	17 1/2" (10 space)	200lbs	\$428.25
DWR-35-26PD*	26" (24" Useable)	61 1/4" (35 space)	300lbs	\$965.00
DWR-24-26PD*	26" (24" Useable)	42" (24 space)	300lbs	\$810.00
DWR-18-26PD*	26" (24" Useable)	31 1/2" (18 space)	250lbs	\$635.00
DWR-12-26PD*	26" (24" Useable)	21" (12 space)	200lbs	\$498.00

*Comes fully assembled with plexi front door

WRP/WRS Series Low-Profile Wall Cabinets



WRS/WRP Series 19" low-profile wall-mount racks allow vertical equipment mounting for space efficiency and aesthetics.

Structural Features:

- 23" useable racking depth allows mounting of deeper equipment vertically in a parallel-to-the-wall for space efficiency & aesthetics
- Standard adjustable 11-gauge, 10-32 threaded rackrail
- Solid hinged body swings either left or right
- Angled, hinged plexiglass (WRP Series) or solid steel (WRS Series) top cover allows convenient equipment access
- Top cover keyed separate from keylock, providing access to controls while limited access to rear equipment connections

- Finished in a durable putty powder coat (WRP Series) or black textured powder coat (WRS Series)

Thermal Management

- Vented front and two bottom located fan mounting positions facilitate thermal management

Cable Management

- Rackrail adjusts to provide a space from 1" to 4" between top cover and equipment faces, allowing abundant room for D-Ring cable managers

Code Compliance

- Grounding/Bonding Stud facilitates the proper grounding and bonding of electronic equipment, as per NEBS and NEC standards
- UL Listed in the US and Canada

Putty Part #	Black Part #	Racking Height	Useable Depth	Capacity	Price
WRP-4	WRS-4	7" (4 space)	23"	150lbs	\$295.00
WRP-6	WRS-6	10 1/2" (6 space)	23"	150lbs	\$305.00
WRP-8	WRS-8	14" (8 space)	23"	150lbs	\$330.00

Wall Mount Open Frame Rack



WM Series 19" Wall Mount Open Frame Racks Self-squaring rack for mounting virtually any data or telecommunications equipment

A self-squaring rack for mounting virtually any data or telecommunications component, the Wall Mount Open Frame Rack is quick and easy to assemble thanks to its self-aligning design. The WM series offers an effective method of wall mounting fiber-optic equipment as its fixed design prevents kinking or breaking of glass fibers. Rugged steel construction features 11-gauge, 10-32 threaded rackrail and a black textured powder coat finish. WM Series racks are offered in two depths (12" and 18"), with models in heights ranging from 17 3/4" to 56 1/4". Includes rack screws.

Part #	Overall Height	Racking Height	Depth	Capacity	Price
WM-8-12	17 3/4"	14" (8 space)	12"	200lbs.	\$105.00
WM-15-12	30"	26 1/4" (15 space)	12"	200lbs.	\$108.35
WM-30-12	56 1/4"	52 1/2" (30 space)	12"	175lbs.	\$125.00
WM-8-18	17 3/4"	14" (8 space)	18"	150lbs.	\$118.95
WM-15-18	30"	26 1/4" (15 space)	18"	150lbs.	\$132.00
WM-30-18	56 1/4"	52 1/2" (30 space)	18"	125lbs.	\$148.00

Swing Frame Rack



Specify an SFR when mounting patch panels, hubs, and switches in a secure room or closet. Innovative open-back wall mount design allows swing frame rack to be mounted over existing equipment and physical obstacles (conduit, telephone equipment, etc.)

- Open-back design maximizes useable wall space
- Rugged 100lb weight capacity, afforded by 14-gauge steel construction, provides the greatest strength in its class
- Unique, open swing frame design utilizes pivot points instead of hinges and can be inverted to allow opening from the left or right

- 90° opening with positive stop facilitates punching down of wires while fully open and also minimizes stress on cable loops
- Ships ready-to-assemble to reduce space needed for storage and transport
- Abundant tie points and cable pass-throughs ease cable management
- 11-gauge, 10-32 threaded rackrail with marked rackspace increments to speed equipment mounting
- Hook and loop cable fasteners provided for enhanced cable management
- Permanently lubricated bushing with a proprietary pivot prevent sag
- Black powder coat finish
- 50 rack screws included

Part #	Overall Height	Racking Height	Depth	Capacity	Price
SFR-12-18	27 1/4"	21" (12 space)	18"	100lbs.	\$155.00
SFR-20-18	41 1/4"	35" (20 space)	18"	100lbs.	\$195.00

SBX Series Wall Mount Cabinet



Economical wall mount rack for small systems

Structural Features:

- Removable backpan simplifies installation and provides easy access to equipment connections.
- Fully welded center section utilizes 18-gauge steel, backpan constructed from 14-gauge steel.

- Locking front door swings open a full 180° on a virtually indestructible hinge for rugged security.
- Deep rail-to-door clearance ratio provides flexibility not found in flush-mount door designed.
- Standard 11-gauge, 10-32 threaded rackrail with marked rackspace increments to speed equipment mounting.

Thermal Management

- Ventilation slots at top & bottom of each side promote passive thermal management.

Cable Management

- 1/2" and 3/4" electrical knockouts at top, bottom and rear facilitate cable entry.

Part #	Racking Height	Useable Depth	Capacity	Price
SBX-7	12 1/4" (7 space)	14 3/4"	75lbs.	\$192.95
SBX-10	17 1/2" (10 space)	14 3/4"	100lbs.	\$268.89

Versa-Rack Sideways Panel Mount



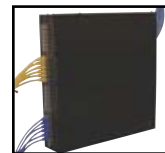
Versa-Rack Sideways Panel Mounts hubs and other network components flat against the wall or under tables or desks.

Mount hubs and other network components flat against the wall with this innovative all-steel sideways panel mount. Versa-Racks can also be used to mount components under tables and desks for

commercial and classroom use. Cost effective in any application, each model features a single pair of 11-gauge, 10-32 threaded rackrail that can be positioned in 3 locations for D-Ring cable managers. The low profile sideways panel mount is equipped with cable lacing points at the rear and a cover to protect equipment. Includes rack screws.

Part #	Racking Height	Capacity	Price
SPM-2	3 1/2" (2 space)	50lbs.	\$103.45
SPM-4	7" (4 space)	40lbs.	\$115.00

Wall Rack Mount Boxes



- 19" EIA 310-D compliant mounting
- #10-32 threaded mounting holes
- 3 position adjustable rails
- Keyed wall mounting holes for left, right, or vertical equipment
- Removable cover
- Black texture powder coat finish

Part #	Dimensions	Rack Space	Capacity	Price
WR2	4"H x 19.75"W x 21.63"D	2RMU	50lbs	\$75.00
WR4	7.5"H x 19.75"W x 21.63"D	4RMU	75lbs	\$89.00

Tilt Panel Mount



Designed for patch panels and network panels, makes installing deeper equipment possible. Mounting rails tilt down to 90 degrees for easy access to the back of the equipment.

H: 16.31" x W: 19.88" D: 18.00"

BS2-TPM-818	Tilt Panel Mount	\$215.00
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CableSafe™ Data Wall Cabinet



Structural Features

- 26" width cabinet to allow for much needed space for patching.
- Locking swing open center section allows for easy front and rear access to equipment and cabling
- Includes an easily reversible left or right hand swing locking/latching front door for added security
- Bag of 50 mounting screws included

Thermal Management

- Engineered to facilitate passive thermal management
- Ships with front rackrail at 4" setback position to accommodate cable managers
- Large opening in backpan for mounting over pull boxes, electrical outlets, etc. knockouts for conduit & cable entry.

Regulatory/Certifications

- Welded construction provides a 200 lb. weight capacity
- UL Listed in the US and Canada
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

Part #	Racking Height	Overall Height	Depth	Depth w/o Door	Overall Width	
CWR-12-17PD	21" (12 space)	24-7/8"	15"	17"	27-7/16"	\$405.00
CWR-12-22PD	21" (12 space)	24-7/8"	20"	22"	27-7/16"	\$445.00
CWR-12-26PD	21" (12 space)	24-7/8"	24"	26"	27-7/16"	\$470.00
CWR-12-32PD	21" (12 space)	24-7/8"	30"	32"	27-7/16"	\$515.00
CWR-18-17PD	31-1/2" (18 space)	35-3/8"	15"	17"	27-7/16"	\$440.00
CWR-18-22PD	31-1/2" (18 space)	35-3/8"	20"	22"	27-7/16"	\$495.00
CWR-18-26PD	31-1/2" (18 space)	35-3/8"	24"	26"	27-7/16"	\$510.00
CWR-18-32PD	31-1/2" (18 space)	35-3/8"	30"	32"	27-7/16"	\$540.00
CWR-26-17PD	45-1/2" (26 space)	49-3/8"	15"	17"	27-7/16"	\$510.00
CWR-26-22PD	45-1/2" (26 space)	49-3/8"	20"	22"	27-7/16"	\$535.00
CWR-26-26PD	45-1/2" (26 space)	49-3/8"	24"	26"	27-7/16"	\$555.00
CWR-26-32PD	45-1/2" (26 space)	49-3/8"	30"	32"	27-7/16"	\$610.00

Sectional Wall Mount Rack



- Quick-Mount system allows for one-person mounting of the center section to the backpan on the jobsite
- Welded construction provides 150 lb. weight capacity
- Available in 15" and 20" useable depths
- Center section hinges for left or right opening
- Abundant lacing points throughout the interior facilitate cable management
- 1/2", 3/4", 1" & 1 1/2" electrical knockouts and 5/8" UHF/VHF antenna knockouts on top & bottom, easily removable for cable pass-through
- 10 1/2" x 10 1/2" laser knockout opening in the backpan for electrical pull-box
- Durable black textured powder coat finish

Part #	Overall Height	Racking Height / Rackspace	Overall Depth	Useful Depth	Mount Hole Spacing	
EWR-8-17	21.00"	14.00" / 8 spaces	17.30"	15.00"	15.63"	\$215.00
EWR-8-22	21.00"	14.00" / 8 spaces	22.30"	20.00"	15.63"	\$240.00
EWR-10-17	24.50"	17.50" / 10 spaces	17.30"	15.00"	19.13"	\$240.00
EWR-10-22	24.50"	17.50" / 10 spaces	22.30"	20.00"	19.13"	\$260.00
EWR-12-17	28.00"	21.00" / 12 spaces	17.30"	15.00"	22.63"	\$280.00
EWR-12-22	28.00"	21.00" / 12 spaces	22.30"	20.00"	22.63"	\$300.00
EWR-16-17	35.00"	28.00" / 16 spaces	17.30"	15.00"	29.63"	\$340.00
EWR-16-22	35.00"	28.00" / 16 spaces	22.30"	20.00"	29.63"	\$390.00

Intermediate Distribution Rack



- Mounts overhead directly to uni-strut beams or from trusses using threaded rods (not included)
- Dual exhaust fans extend equipment life
- Bottom plate can be machined in the field to mount wireless antennae, dome cameras and more
- Multiple UHF/VHF antenna knockouts on the bottom of the enclosure
- Grounding/bonding stud in top of enclosure facilitates proper grounding and bonding of electronic equipment, per NEBS and NEC standards
- Side knockouts for conduit pass-through to internal, standard electrical box
- Ships with included rackmount power distribution unit, model # PD-915R
- Top includes four integral gland grommets for protecting cables and reducing dust within the enclosure
- Durable textured black powder coat finish
- UL Listed in the US and Canada

IDF-TM-1224BK	12 space, 24" deep, 21" useable depth Intermediate Distribution Rack	\$415.00
IDF-TM-1624BK	16 space, 24" deep, 21" useable depth Intermediate Distribution Rack	\$489.00
IDF-ARB-24	optional rackrail bracket extender, converts IDF to full front to rear adjustable rackrail	\$598.00

U2 Rackmount Shelf



These Easy-to-install universal shelves accommodate components up to 17 3/8" wide. Made from 16-gauge steel, finished in a durable black powder coat and individually boxed.

Part #	Racking Height	Overall Depth	Usable Depth	Weight	Price
U1	1 3/4" (1 Space)	10 3/4"	10 11/16"	35lbs.	\$28.75
U2	3 1/2" (2 Space)	14 9/16"	14 3/8"	50lbs.	\$42.50
U3	5 1/4" (3 Space)	14 9/16"	14 3/8"	70lbs.	\$52.65
U4	7" (4 Space)	15 1/2"	15 5/16"	85lbs.	\$58.35

Vented 2 Space Center-Mount Rackshelf



Ideal for use in our open frame racks. Constructed from 16-gauge steel & finished in durable black powder coat

Depth 18"
Height 3 1/2" (2 space)
Weight 50lb

U2MS Vented 2 Space Center-Mount Rackshelf **\$74.50**

Vertical Wall Mount Panel



- Can accommodate all depths of equipment
- Mounts horizontally/vertically for versatile placement
- Heavy duty threaded rackrail
- Available in 2, 3 or 4 rackspace models

VPM-2 2 space, vertical wall mount panel **\$52.90**
VPM-3 3 space, vertical wall mount panel **\$58.90**
VPM-4 4 space, vertical wall mount panel **\$64.75**

EZ Mount Network Shelf



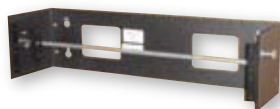
The EZ Mount Network Shelf is the premier product of iNNData, LTD. It is the very first product of its kind to allow complete installation of a small LAN/Telecom network (up to 48 drops - expandable to a maximum of 96 drops) in an extremely limited space. It saves Space, Time and Money!

Includes:

- (8) 10-32 Screws
- (1) Ground Screw
- (4) 6" Velcro Strips
- Blank Plate
- Mounting Template
- Slots provided on shelf deck for tie-down w/velcro straps

EZMS EZ Mount Network Shelf **\$199.00**

EZ Mount Wall Swivel Bracket



The EZ Mount Wall Swivel Bracket was finally created after many suggestions from contractors and end users alike. It is the best solution for mounting up to a 48 port patch panel on a wall. It swivels within its own space, and, provides a solid punchdown surface, without the technician having to support the punchdown process with the other hand!

Includes:

- (8) 10-32 Screws
- (4) 12-24 Screws
- Ground Screw
- Locking Positions
- (1) each left and right hand bracket with swivel assemblies, rear wire manager.

EZMBL EZ Mount Wall Swivel Bracket **\$85.00**

Hinged Plexiglass Security Covers



Incorporating a steel frame and a key-locked 3/16" smoked-gray plexiglass door, our SECL Series locking security covers are offered in 2, 3, 4, and 8 space sizes. Each unit's depth of 1 1/2" easily clears controls on most equipment.

SECL-2 Hinged plexiglass security covers 3 1/2" (2 space) **\$58.75**
SECL-3 Hinged plexiglass security covers 5 1/4" (3 space) **\$64.10**
SECL-4 Hinged plexiglass security covers 7" (4 space) **\$68.95**
SECL-8 Hinged plexiglass security covers 14" (8 space) **\$97.35**

Fixed Writing/Computer Keyboard Shelf



The FWS fixed single bay writing/computer keyboard shelf bolts quickly to any 19" rack to create an ideal workspace. it occupies 2 rackspace and comes complete with special rail-mounting hardware.

Depth: 18" Capacity: 100lbs

FWS Fixed writing/computer keyboard shelf **\$99.00**

Vented 3 Space Rackshelf



17 3/4" deep by 5 1/4" high, this vented rackshelf has a 60lb. weight capacity and a rear flange slotted for horizontal cable management. Constructed from 16-gauge steel and finished in a black powder coat.

D: 17 3/4" W: 17.44" H: 5 1/4" (3 spaces) Capacity: 60lbs

U317 Vented 3 space rackshelf **\$69.95**

Wall Mount Shelf

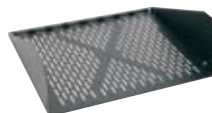


Wall mounting non-rackmount components is much easier with our fully welded WMS wall mount shelf. The bottom is vented to help keep things cool and features 1/2" and 3/4" electrical knockouts for cable pass-through.

Depth: 17" Capacity: 200lbs.

WMS-20 Wall mount shelf **\$104.00**

Wide Unit Shelf System



Accommodating components too wide to fit the 17 3/8" inside width of standard rackshelves, these shelf systems fit units up to 22 1/2" wide, and either bolt into millwork or to the mounting angle of standard rackrail. Measuring 5

1/4" high, this shelf saves room by requiring no rackspace. The WUSS system comes complete with a pair of ears, a bottom, and appropriate assembly hardware.

NOTE: This rackshelf works with all Middle Atlantic Product enclosures with the exception of the VMRK-54, which uses 'Z-Rail'.

Part #	Depth	Capacity	Price
WUSS11.5	11 1/2"	50lbs	\$59.80
WUSS14*	14"	50lbs	\$62.95
WUSS15.5	15 1/2"	50lbs	\$64.85
WUSS17.5	17 1/2"	50lbs	\$67.68
WUSS20.5	20 1/2"	50lbs	\$75.00

*Available in 14" depth - fits DWR Series and other shallow racks!

QuickPort® UTP & STP Connectors

LEVITON



Colors Available:



Leviton offers a wide variety of copper connectors from CAT 6A (10G) to CAT 3 solutions. CAT 6A eXtreme® 10G, our highest performance connector, featuring the Cone of Silence™ and Retention Force Technology® (RFT) resist alien crosstalk (AXT) between neighboring connectors, and offers unparalleled signal integrity. eXtreme 6+ and GigaMax® 5e+ component-rated connectors also feature patented RFT for long term performance.

6110G-R*6	eXtreme 10G Channel-Rated Connector	\$10.85
61110-R*6	eXtreme 6+ Component-Rated Connector	\$6.25
61110-B*6	eXtreme 6+ Component-Rated Connectors QuickPack® (25 per pack)	\$149.00
5G110-R*5	GigaMax® 5e+ Component-Rated Connector	\$4.50
5G110-B*5	GigaMax® 5e+ Component-Rated Connector QuickPack® (25 per pack)	\$104.45
5G108-R*5	GigaMax® 5e Channel-Rated Connector	\$3.75
5G108-B*5	GigaMax® 5e Channel-Rated Connectors QuickPack® (25 per pack)	\$85.00

JackRapid Punchdown Tool

FLUKE networks



JackRapid™ termination tool is a unique, patented jack termination tool that saves time and increases accuracy by seating and terminating all wires at once with a simple squeeze of an ergonomic handle. Jack-Rapid gives clean, consistent and accurate cuts every time.

JR-LEV-1	JackRapid (Leviton, 41106, 41108, 5G108)	\$79.00
JR-LEV-1-H	Replacement blade (Leviton, 41106, 41108, 5G108)	\$56.00
JR-SYS-UNI-1	JackRapid (Systimax MPS100E, C5, M1BH, UNJ600/500/300)	\$79.00
JR-SYS-UNI-1-H	Replacement blade (Systimax MPS100E, C5, M1BH, UNJ600/500/300)	\$56.00
JR-LEV-2	JackRapid (Leviton 61110, 5G110, 6110G)	\$79.00
JR-LEV-2-H	Replacement blade (Leviton 61110, 5G110, 6110G)	\$56.00
JR-SYS-2	JackRapid (Systimax MGS400, MGS500, MFP420, MFP520)	\$79.00
JR-SYS-2-H	Replacement blade (Systimax MGS400, MGS500, MFP420, MFP520)	\$56.00
JR-ORT-2	JackRapid (Ortronics TJ5E00, TJ600, TJ610)	\$79.00
JR-ORT-2-H	Replacement blade (Ortronics TJ5E00, TJ600, TJ610)	\$56.00
JR-ADC-2	JackRapid Termination Tool (for ADC KM8, CopperTen)	\$79.00
JR-ADC-2-H	JackRapid Replacement Blade Head (for ADC KM8, CopperTen)	\$56.00
JR-PAN-2	JackRapid Termination Tool (for Panduit NK688M and NKP5E88M)	\$79.00
JR-PAN-2-H	JackRapid Replacement Blade Head (for Panduit NK688M & NKP5E88M)	\$56.00

QuickPort Audio/Video Connectors

LEVITON



- **BNC QuickPort Adapters:** F to F connector w/twist-on front/rear connections
- **F-Type QuickPort Adapters:** F to F connector w/screw-on front/rear connections
- **QuickPort Blank Inserts:** Fill unused QuickPort Openings
- **S-Video/110 Quickport Connectors:** S-Video connector on the front with 110 punchdown on the rear
- **RCA QuickPort Adapters:** Connectors w/pass through design for audio/video and home theater applications.
- **RCA-110 QuickPort Connectors:** Standard RCA connector on the front with 110 punchdown on the rear

BNC, Nickel Plated	41084-BIF	41084-BWF	41084-BAF	41084-BTF	4084-BEF	4084-BGF	\$4.47
BNC, Gold Plated	40832-OB1	40832-OBW	40832-OB A	40832-OBT	-	-	\$4.75
F-Type, Nickel Plated	41084-FIF	41084-FWF	41084-FAF	41084-FTF	41084-FEF	41084-FGF	\$1.70
F-Type, Gold Plated	40831-OB1	40831-OBW	40831-OB A	40831-OBT	-	-	\$4.75
S-Video Connector	40734-SV1	40734-SVW	40734-SVA	40734-SVT	40734-SVE	40734-SVG	\$7.65
Blank Insert (10)	41084-B1B	41084-BWB	41084-BAB	41084-BTB	40184-BEB	40184-BGB	\$0.17
RCA, w/Black Stripe	40830-B1E	40830-BWE	40830-BAE	40830-BTE	-	-	\$3.25
RCA, w/Red Stripe	40830-B1R	40830-BWR	40830-BAR	40830-BTR	-	-	\$3.25
RCA, w/Yellow Stripe	40830-B1Y	40830-BWY	40830-BAY	40830-BTY	-	-	\$3.25
RCA, w/Green Stripe	40830-B1V	40830-BWV	-	-	-	-	\$3.25
RCA, w/Blue Stripe	40830-B1L	40830-BWL	-	-	-	-	\$3.25
RCA-110 Connector	40735-R*1	40735-R*W	40735-R*A	40735-R*T	40735-R*E	40735-R*G	\$5.85

HDMI & DVI Connectors			
3.5mm Stereo Connector	40839-SWS	40839-SIS	\$6.25

* RCA-110 connector inner barrel color
- Orange, Red, White, Yellow, (Green & Blue available in Ivory & White Only)

QuickPort® Wallplates



Wallplates offer field-configurable flexibility in a single piece housing. Compatible with all QuickPort Modules. QuickPort Decora Wallplate inserts match Leviton Decora electrical switches and outlets. QuickPort Modules fit neatly into a single-gang Decora wallplate & can combine with electrical devices in a multi-gang wallplate.

41080-6*P	6-Port QuickPort® Single-Gang Wallplate	\$1.45
41080-4*P	4-Port QuickPort® Single-Gang Wallplate	\$1.45
41080-3*P	3-Port QuickPort® Single-Gang Wallplate	\$1.45
41080-2*P	2-Port QuickPort® Single-Gang Wallplate	\$1.45
41080-1*P	1-Port QuickPort® Single-Gang Wallplate	\$1.45
41646-0**	QuickPort Decora Multimedia, 6-Port Insert	\$3.30
41644-0**	QuickPort Decora Multimedia, 4-Port Insert	\$3.30
41643-0**	QuickPort Decora Multimedia, 3-Port Insert	\$3.30
41612-0**	QuickPort Decora Multimedia, 2-Port Insert	\$3.03

CAT 6 Patch Panels



Universal panels feature 6-port RJ45 modules on the front, industry standard 110-style punchdown on the rear, & T568A/B universal wiring configurations. QuickPort Patch Panels are pre-loaded with black eXtreme 6+ connectors. 48-Port, angled design provides improved access to 110 punchdown fields, and increased density with enhanced patch cord transition to vertical cable management. For high density applications choose eXtreme 6+ 1RU 48-Port Patch Panels. This patch panel doubles density in applications where space is at a premium. Robust design, die-cast aluminum construction, & the included sturdy cable management bar support increased cable loads.



eXtreme 6+ Universal Panel, 110, w/ Cable mgmt bar

69586-U12	12-Port CAT 6 Patch Panel	\$99.80
69586-U24	24-Port CAT 6 Patch Panel	\$154.95
69586-U48	48-Port CAT 6 Patch Panel	\$299.00
69586-C48	Central Label 48-Port Panel	\$365.00
69586-U96	96-Port CAT 6 Patch Panel	\$727.00
69587-U48	48 Port Angled Universal Patch Panel, 2RU	\$000.00

QuickPort Panel pre-loaded w/eXtreme 6+ Connectors w/cable mgmt bar

69270-U24	24-Port CAT 6 Patch Panel	\$210.00
69270-U48	48-Port CAT 6 Patch Panel	\$410.00

QuickPort High Density Panel, 1RU, w/cable mgmt bar

69270-D48	48-Port CAT 6 Patch Panel	\$503.00
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Angled Patch Panel Accessories

49254-LPM	Angled Horizontal Patch Cord Organizer, 1RU	\$60.15
49254-BCM	Angled Horizontal Patch Cord Organizer, 2RU	\$85.00
49254-BA2	Front Blank Angled Panel, 2RU	\$54.10
49254-BA1	Front Blank Angled Panel, 1RU	\$52.55
49006-AMB	Angled Cable Management Bar, rear (4 hook and loop fasteners included)	\$44.95
49254-BC1	Transitional Cover	\$54.85

Patch Blocks and Connectors

69586-U89	eXtreme 6+ Universal Patch Block, 12-Port	\$95.00
61110-R*6	eXtreme 6+ Component-rated connector	\$6.25
61110-B*6	eXtreme 6+ component-rated connectors QuickPack™ (25 per pack)	\$149.00

Recessed Angled Patch Panels

Leviton's Recessed Angled Patch Panels are ideal for cabinet applications that require a low profile panel. The unique dual-angled design provides improved punchdown accessibility, the option to increase density, and enhanced patch cord transition to vertical cable management. Recessed Angled Panel Accessories keep installation organized and ready for future expansion.



48-Port Recessed Angled QuickPort® Patch Panel, pre-loaded w/connectors, 2RU

5W271-U48	CAT 5E Patch Panel	\$345.00
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48-Port Recessed angled patch panel, universal, 110 style, 2RU

6W587-U48	CAT 6 Patch Panel	\$470.00
5W597-U48	CAT 5E Patch Panel	\$299.00

Recessed Angled Patch Panel Accessories

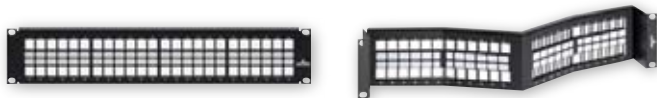
4W254-LPM	Recessed Angled Patch Cord Organizer, 1RU	\$84.15
4W254-BCM	Recessed Angled Patch Cord Organizer, 2RU	\$124.85
4W254-BA1	Front Blank Recessed Angled panel, 1RU	\$55.50
4W254-BA2	Front Blank Recessed Angled Panel, 2RU	\$62.95
4W006-AMB	Recessed Angled Cable Management Bar, Rear	\$48.10
49262-HR1	Vertical Transition Rings, 2/Box	\$6.95
4W254-BC1	Transitional Cover	\$61.35

Recessed Angled Patch Panels - QuickPort® Unloaded

4W256-D72	High-Density 72-Port - Sold Empty, 2RU	\$195.00
4W256-H48	QuickPort® 48-Port, Sold Empty, 2RU	\$120.00
4W256-H24	QuickPort® 24-Port, Sold Empty, 1RU	\$107.95

QuickPort® Multimedia Patch Panels

QuickPort® Multimedia Patch Panels



Create a Category 5, 5e, 6, or 6A multimedia panel instantly by matching Leviton connectors with QuickPort patch panels and patch blocks. Install QuickPort voice, data, audio, and video modules to configure the panel to your exact needs.

Patch blocks hold 12 QuickPort modules. Patch panels contain 24, 48, or 72 ports. An 89D mounting bracket is sold separately for patch blocks.

49255-H48	48-Port Panel w/Wire Management Bar, 2RU	\$77.95
49255-H24	24-Port Panel w/Wire Management Bar, 1RU	\$57.10
49255-Q32	32-Port Panel with Cable Tray, 2RU	\$67.25
49255-Q24	24-Port Panel with Cable Tray, 2RU	\$60.70
4W256-H48	QuickPort Recessed Angled Panel, 48-Port	\$120.00
4W256-H24	QuickPort Recessed Angled Panel, 24-Port	\$107.95



From classic CAT 5 to advanced CAT 6A eXtreme 10G, Leviton offers a category rated patch panel for every application. Choose from a broad selection of sizes and configuration from 12-96 ports, QuickPort or Universal styles in CAT 6A, 6, 5e, or 5 ratings.

QuickPort Patch Panel preloaded w/eXtreme 10G Connectors

69586-U12	12-Port CAT 6A Patch Panel	\$99.88
69586-U24	24-Port CAT 6A Patch Panel	\$154.95
69586-U48	48-Port CAT 6A Patch Panel	\$299.00
69586-C48	Central Label 48-Port CAT 6A Patch Panel	\$365.00
69586-U96	96-Port CAT 6A Patch Panel	\$727.00

GigaMax® 5e Universal Patch Panel w/cable Management Bar

5G596-U12	12-Port CAT 5e Patch Panel	\$93.05
5G596-U24	24-Port CAT 5e Patch Panel	\$132.00
5G596-U48	48-Port CAT 5e Patch Panel	\$270.00
5G596-C48	Central Label 48-Port CAT 5e Patch Panel	\$270.00
5G596-U96	96-Port CAT 5e Patch Panel	\$510.00



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MRJ21 Connector Systems



MRJ21-MRJ21



MRJ21-RJ45 Hydra

The MRJ 21 Connector System Solution is a high-density, high-performance, modular copper cabling system. AMP Netconnect's matched powersum 24-pair cabling and connector solution provides a variety of applications to up to 12 ports with a single cable. This solution supports any plug and play environment including data centers and zone cabled or open office environments. When utilizing AMP Netconnect's PC board mounted solution, the MRJ 21 enables much higher port density than the common Modular plug/jack interface, which can significantly reduce active port costs.

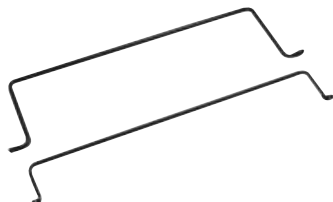
- MRJ 21 provides an application independent copper platform for applications today and into the future
- including Gigabit, VoIP & powered Ethernet.
- The small size of the MRJ 21 connector and cabling reduces cable bulk in pathways and spaces, enabling much higher port counts in a smaller space.
- Factory termination and testing of the cassettes and patch panels provide assurance of pluggable performance on site. This enables rapid installation or MACs with pre-tested quality.
- The modularity of this solution significantly reduces time to install or migrate from a 10/100BASE-T 2-pair platform to a Gigabit Ethernet 4-pair platform. Upgrading is as simple as unplugging one cassette and plugging in the new one. The same cable is re-usable.
- Cassettes and patch panels break out high performance 24-pair solutions to the appropriate wiring patterns for standards based 10/100BASE-T, Gigabit Ethernet, and other applications.
- Common cable assembly lengths provide readily available, pluggable solutions, speeding implementation.

MRJ21 Cassettes

- High-performance copper cabling solution
- High-density, small form factor connectivity
- Factory terminated and tested
- Modular, pluggable design
- 6-Port cassettes support applications that use 4 or less pairs including 10BASE-T, 100BASE-T & 1000BASE-T
- 12-Port cassettes support applications which use two or fewer pairs including 10BASE-T and 100BASE-T
- Blank adapter plate for MRJ21 (1479451-1) panel only - Do not use 1777046-1 with optical fiber enclosures

1479459-1	MRJ21 Cassette w/6 Ports, 10/100/1000BASE-T applications, & 4 pairs per port	\$56.80
1479452-1	MRJ21 Cassette w/12 ports, 10/100BASE-T applications, & 2 pairs per port	\$56.80
1777046-1	MRJ21 Blank Cassette	\$10.65
1479451-1	1479451-1 MRJ21 Cassette Panel - Accepts up to three (3) MRJ21 Cassettes	\$21.90

Cable Support Bars



- Mounts to the back of 19" racks
- Designed to provide additional cable support and routing control behind 19" racks and panels
- MRJ21 slotted manager bar for easy tie down
- Horizontal and vertical mounting option for MRJ21 tie down bar

557548-1	Standard Support Bar - 5" Depth	\$14.75
1933352-1	MRJ21 Cable Manager Bar - 6" Depth	\$31.85
1933352-2	MRJ21 Cable Manager Bar - 9" Depth	\$34.95
1933352-3	MRJ21 Cable Manager Bar - 12" Depth	\$36.95
1933352-4	MRJ21 Cable Manager Bar - 16" Depth	\$39.60

MRJ21 Patch Panels



- High-performance copper cabling solution
- High-density, small form factor connectivity
- Factory terminated and tested
- Modular, pluggable design
- 4-Pair Patch Panels support applications which use 4 or less pairs: 10BASE-T, 100BASE-T & 1000BASE-T
- 2-Pair Patch Panels support applications which use 2 or less pairs including 10BASE-T, & 100BASE-T

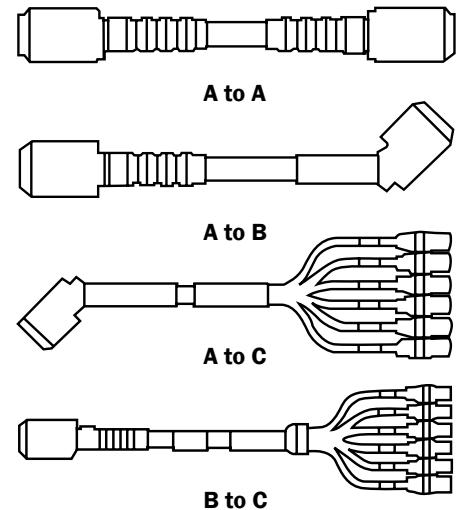
1777029-1	Patch Panel, 1U w/24 Ports, 4 MRJ21 Connections (back), Non-AMPTRAC	\$300.40
1777029-2	Patch Panel, 1U w/24 Ports, 4 MRJ21 Connections (back), AMPTRAC Enabled	\$292.75
1435971-1	Patch Panel, 1U w/48 Ports, 8 MRJ21 Connections (back), Non-AMPTRAC	\$370.79
1777041-1	Patch Panel, 1U w/48 Ports, 8 MRJ21 Connections (back), AMPTRAC Enabled	\$445.00
1777052-1	Angled Patch Panel, 1U w/48 Ports, 8 MRJ21 Connections (back), Non-AMPTRAC	\$370.79
1777053-1	Angled Patch Panel, 1U w/48 Ports, 8 MRJ21 Connections (back), AMPTRAC Enabled	\$440.00
1435965-1	Patch Panel, 1U w/48 Ports, 4 MRJ21 Connections (back), Non-AMPTRAC	\$300.40
1777042-1	Patch Panel, 1U w/48 Ports, 4 MRJ21 Connections (back), AMPTRAC Enabled	\$345.00
1777040-1	Label Holder Panel (labels sold separately)	\$33.50
1777054-1	Label Holder Angled Panel (labels sold separately)	\$49.25

MRJ21 Cable Assemblies



- MRJ21 cable assemblies' small foot print reduces cable bulk un pathways and conduits
- Reduced cable bulk allows better air circulation and equipment cooling in data centers
- Approximately 30% less area and 20% less weight than 4-pair cabling
- Dense CHAMP connector style double blade design with offset jackscrews
- Contact layout and footprint for differential pairs creates reduced cross-talk and built in compensation.
- 1.5 to 4 times the port density of 2x6 Stacked Modular Jack (RJ45)
- Jackscrews for positive latching and secure cable retention
- Common and additional cable assembly lengths are available
- 25-Pair, unshielded, 24 AWG conductors
- Enables 25% less power per port than 4-pair connector on active electronics
- Improves uptime and space efficiency on site
- RoHS compliant
- MRJ21 to RJ45 hydra cable assemblies are wired so that all 4 pairs of the RJ45 are active for Gb Ethernet.
- Most assemblies are available with riser rated (CMR) or plenum rated (CMP) jacketing
- Simple installation - Just seat the connector and tighten the two screws
- Factory terminated, tested and serialized

A: MRJ21 180° Back Shell B: MRJ21 45° Back Shell C: RJ45 x 6



	A to A CMR Gray Jacket		A to A CMP Blue Jacket		A to B CMR Grey Jacket		A to B CMP Blue Jacket		A to C CMR Grey Jacket		A to C CMP Blue Jacket		B to C CMR Grey Jacket	
1m	1499515-1	\$138	1499518-1	\$164	1499517-1	\$138	1933061-1	\$170	1499520-1	\$120	1933056-1	\$132	1499508-1	\$120
2m	1499515-2	\$145	1499518-2	\$175	1499517-2	\$142	1933061-2	\$182	1499520-2	\$125	1933056-2	\$155	1499508-2	\$128
3m	1499515-3	\$148	1499518-3	\$185	1499517-3	\$147	1933061-3	\$192	1499520-3	\$128.70	1933056-3	\$177	1499508-3	\$128
4m	1499515-4	\$152	1499518-4	\$195	1499517-4	\$152	1933061-4	\$202	1499520-4	\$132.90	1933056-4	\$199	1499508-4	\$132
5m	1499515-5	\$157	1499518-5	\$204	1499517-5	\$157	1933061-5	\$214	1499520-5	\$137.25	1933056-5	\$220	1499508-5	\$137
6m	1499515-6	\$162	1499518-6	\$215	1499517-6	\$162	1933061-6	\$225	1499520-6	\$142	1933056-6	\$245	1499508-6	\$140
7m	1499515-7	\$166	1499518-7	\$225	1499517-7	\$167	1933061-7	\$235	1499520-7	\$146	1933056-7	\$265	1499508-7	\$145
8m	1499515-8	\$172	1499518-8	\$235	1499517-8	\$170	1933061-8	\$245	1499520-8	\$148	1933056-8	\$285	1499508-8	\$148
9m	1499515-9	\$177	1499518-9	\$245	1499517-9	\$176	1933061-9	\$255	-	-	1933056-9	\$315	1499508-9	\$155
10m	1-1499515-0	\$182	1-1499518-0	\$255	1-1499517-0	\$182	1-1933061-0	\$268	1-1499520-0	\$159	1-1933056-0	\$330	1-1499508-0	\$160
12m	1-1499515-2	\$191	1-1499518-2	\$275	1-1499517-2	\$191	1-1933061-2	\$288	1-1499520-2	\$167	1-1933056-2	\$360	1-1499508-2	\$168
15m	1-1499515-5	\$205	1-1499518-5	\$305	1-1499517-5	\$205	1-1933061-5	\$319.95	1-1499520-5	\$180	1-1933056-5	\$408	1-1499508-5	\$180
17m	1-1499515-7	\$215	1-1499518-7	\$325	1-1499517-7	\$215	1-1933061-7	\$340	1-1499520-7	\$188	1-1933056-7	\$438	1-1499508-7	\$188
20m	2-1499515-0	\$229	2-1499518-0	\$358	2-1499517-0	\$229	2-1933061-0	\$372	2-1499520-0	\$201	2-1933056-0	\$485	2-1499508-0	\$200
25m	2-1499515-5	\$255	2-1499518-5	\$419	2-1499517-5	\$255	2-1933061-5	\$425	2-1499520-5	\$225	2-1933056-5	\$560	2-1499508-5	\$225
30m	3-1499515-0	\$279	3-1499518-0	\$485	3-1499517-0	\$279	3-1933061-0	\$480	3-1499520-0	\$245	3-1933056-0	\$635	3-1499508-0	\$245
35m	3-1499515-5	\$305	3-1499518-5	\$555	3-1499517-5	\$305	3-1933061-5	\$533	3-1499520-5	\$268	3-1933056-5	\$735	3-1499508-5	\$268
40m	4-1499515-0	\$329	4-1499518-0	\$623	4-1499517-0	\$328	4-1933061-0	\$778	4-1499520-0	\$290	4-1933056-0	\$790	4-1499508-0	\$290
50m	5-1499515-0	\$375	5-1499518-0	\$760	5-1499517-0	\$375	5-1933061-0	\$915	5-1499520-0	\$375	5-1933056-0	\$945	5-1499508-0	\$332
60m	6-1499515-0	\$423	6-1499518-0	\$895	6-1499517-0	\$425	6-1933061-0	\$1058	6-1499520-0	\$425	6-1933056-0	\$1095	6-1499508-0	\$425
70m	7-1499515-0	\$475	7-1499518-0	\$1055	7-1499517-0	\$475	7-1933061-0	\$1198	7-1499520-0	\$470	7-1933056-0	\$1248	7-1499508-0	\$470
80m	8-1499515-0	\$525	8-1499518-0	\$1189	8-1499517-0	\$525	8-1933061-0	\$1340	8-1499520-0	\$510	8-1933056-0	\$1405	8-1499508-0	\$510
90m	9-1499515-0	\$575	9-1499518-0	\$1365	9-1499517-0	\$575	9-1933061-0	\$1485	9-1499520-0	\$555	9-1933056-0	\$1550	9-1499508-0	\$545

SL Series Modular Jacks



X denotes color:

1	2	3	4	5	6
7	8	9	1-0	1-1	

1375055-X	SL Series Category 6 Modular Jacks Unshielded	\$7.98
1375187-X	SL Series Category 6 Modular Jacks Unshielded with Dust Cover	\$8.15
1375188-1*	SL Series Category 6 Modular Jacks Shielded 180° (rear) entry	\$11.25
1479552-1*	SL Series Category 6 Modular Jacks Shielded 90° (side) entry	\$11.25
1375191-X	SL Series Category 5e Modular Jacks Unshielded	\$5.35
1375190-X	SL Series Category 5e Modular Jacks Unshielded with Dust Cover	\$5.55
1375189-1*	SL Series Category 5e Modular Jacks Shielded 180° (rear) entry	\$8.35
1479717-1*	SL Series Category 5e Modular Jacks Shielded 90° (side) entry	\$8.35

*Note: Shielded jacks are not available in colors and do not accept strain reliefs

SL Series Modular Jack Termination Tool and Accessories



1725150-1	SL Series Modular Jack Termination Tool with Lacing Fixture	\$178.85
1725150-3	SL Series Modular Jack Termination Tool without Lacing Fixture	\$139.75

- Termination tool for SL Series Jacks
- Simplifies the termination process, especially for Category 6 Jacks
- Terminates and cuts all 8 conductors at once
- Simplifies lacing process and speeds up terminations
- Tool without Lacing Fixture is for use with SL series AMP-TWIST 6A Modular Jacks

Category 6 SL Series Patch Panels



- Meets or exceeds TIA and ISO Category 6 component performance requirements
- Angled panels allow elimination of horizontal cable management for higher rack densities.
- All panels are packaged unloaded with jacks bagged separately for termination with SL Series Jack Termination Tool, Universal wiring

Part #	Description	Height	Width	Price
1375013-2	12-Port	10.00"	2.3"	\$110.00
1375014-2	24-Port	1U (1.75")	19.0"	\$189.00
1375015-2	48-Port	2U (3.50")	19.0"	\$375.00
1375016-2	96-Port	4U (7.00")	19.0"	\$695.00
Angled Patch Panels				
1499600-2	24-Port	1U (1.75")	19.0"	\$219.00
1499601-2	48-Port	2U (3.50")	19.0"	\$435.00

Category 5e SL Series Patch Panels



- Meet or exceed TIA and ISO Category 5e/Class D component performance requirements.
- Universal wiring - ports may be terminated to
- Angled/integrated cable management panels allow the elimination of horizontal cable managers.
- 12-Port Mini Patch Panels mount vertically on included 89D bracket.

Part #	Description	Height	Width	Price
1479153-2	12-Port	10.00"	2.3"	\$87.35
1479154-2	24-Port	1U (1.75")	19.0"	\$150.00
1479155-2	48-Port	2U (3.50")	19.0"	\$295.00
1479156-2	96-Port	4U (7.00")	19.0"	\$555.00
Angled Patch Panels				
1499602-2	24-Port	1U (1.75")	19.0"	\$179.50
1499603-2	48-Port	2U (3.50")	19.0"	\$350.00



Major Credit Cards Accepted

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RE-BOX Remote Equipment Cabinets



The RE-BOX® cabinets are specifically designed for housing remote and network equipment and exceed the stringent requirements of UL and Telcordia™ standards. The resulting safe and secure environment surpasses the industry for protecting communications equipment in locations such as classrooms, warehouses, and retail outlets. Use the RE-BOX® as a small remote data center.

RE2	RE-BOX® Commercial Cabinet, 32.2"H x 24.2"W x 7"D, Light Gray, Pre-Configured	\$298.00
RE2B	RE-BOX® Commercial Cabinet, 32.2"H x 24.2"W x 7"D, Black, Pre-Configured	\$298.00
RE4	RE-BOX® Commercial Cabinet, 32.2"H x 24.2"W x 10"D, Light Gray, Pre-Configured	\$335.00
RE4B	RE-BOX® Commercial Cabinet, 32.2"H x 24.2"W x 10"D, Black, Pre-Configured	\$335.00
RE4X	RE-BOX® Commercial Cabinet, 42.2"H x 24.2"W x 10"D, Light Gray, Pre-Configured	\$509.00
RE4XB	RE-BOX® Commercial Cabinet, 42.2"H x 24.2"W x 10"D, Black, Pre-Configured	\$509.00

Jacks Category 6, 5e, 3 USOC



- Industry's first tested category 6 component compliant jack.
- Exclusive 1-Punch Termination Tool reduces time by 75%.
- 2,000+ mating cycles with FCC compliant 8-position plug.

Colors Available

AL	BK	B	EI	GL	GY	GN	LA	OW	OR	P	R	TI	W	Y
----	----	---	----	----	----	----	----	----	----	---	---	----	---	---

HXJ6XX	NEXTSPEED® Category 6 Jack, Universal	\$6.75
HXJ5EXX	SPEEDGAIN® Category 5e Jack, Universal	\$4.55
HXJ3XX	XCELERATOR™ Jack, Category 3	\$3.80
HXJUXX	XCELERATOR™ Jack, USOC 6-position	\$3.55

RCA Gold Pass-through, F/F Coupler (Office White Only)



Use to distribute component and composite audio and video signals from device to device.

Insulator Colors Available*

R	W	Y	B	GN
---	---	---	---	----

SFRC110XX*	RCA 110 Punchdown, RCA Connector	\$8.55
SFRCBKFF	RCA Gold Pass-thru, F/F Coupler, Office White/Black Insulator	\$4.20
SFRCBFFOW	RCA Gold Pass-Thru, F/F Coupler, Office White/Blue	\$4.20
SFRCGNFFOW	RCA Gold Pass-Thru, F/F Coupler, Office White/Green	\$4.20
SFRCRFF	RCA Gold Pass-Thru, F/F Coupler, Office White/Red Insulator	\$4.20
SFRCWFF	RCA Gold Pass-Thru, F/F Coupler, Office White/White Insulator	\$4.20
SFRCYFF	RCA Gold Pass-Thru, F/F Coupler, Office White/Yellow Insulator	\$4.20

F-Connector, Gold, Pass-Through, F/F Coupler



Use for distributing high quality video signal to the workstation. Requiring no soldering, these F-connectors install with a snap and provide quick, easy "screw-on" termination.

Colors Available

AL	BK	GY	EI	LA	OW	W
----	----	----	----	----	----	---

SFFGXX	F-Type Coupler, Gold Bulkhead F/F	\$4.75
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S-Video Connectors



Use to transmit video information over a cable by dividing the signal into two separate signals, for color and for brightness.

Colors Available

AL	BK	GY	EI	OW	W
----	----	----	----	----	---

SFSV110XX	S-Video 110 Punchdown	\$8.55
SFSVXX	S-Video F/F Coupler	\$9.25

USB Connectors



Use to provide a simple and easy way to add a USB connection to a work area.

Colors Available

B	OW	W
---	----	---

SFUSBABXX	USB Connector, Format A-to-B	\$17.75
SFUSBAAXX	USB Connector, Format A-to-A	\$17.75

IFP Face Plates



- Designed to flush mount with box eliminator.
- Complemented by a Broad range of Voice/Data/Video Modules.

Colors Available

AL	BK	GY	EI	LA	OW	W
----	----	----	----	----	----	---

IFP11XX	IFP Face Plates, 1-Port	\$1.55
IFP12XX	IFP Face Plates, 2-Port	\$1.55
IFP13XX	IFP Face Plates, 3-Port	\$1.55
IFP14XX	IFP Face Plates, 4-Port	\$1.55
IFP16XX	IFP Face Plates, 6-Port	\$1.55
IFP26XX	IFP Face Plates, 6-Port, Double Gang	\$3.15
IFP29XX	IFP Face Plates, 9-Port, Double Gang	\$3.15
IFP212XX	IFP Face Plates, 12-Port, Double Gang	\$5.35

SSF Stainless Steel Plates



SSF are designed for flush mount applications, accepting Hubbell's extensive line of XCELERATOR jacks and Audio/Video connectors that snap mount flush into the keystone opening, creating an elegant streamline look.

SSF11	Stainless Steel Plates, 1-Port	\$5.35
SSF12	Stainless Steel Plates, 2-Port	\$5.35
SSF13	Stainless Steel Plates, 3-Port	\$5.35
SSF14	Stainless Steel Plates, 4-Port	\$5.65
SSF16	Stainless Steel Plates, 6-Port	\$5.85
SSF204	Stainless Steel, 4-Port Double Gang	\$8.80
SSF206	Stainless Steel, 6-Port Double Gang	\$9.15
SSF209	Stainless Steel, 9-Port Double Gang	\$11.00
SSF212	Stainless Steel, 12-Port Double Gang	\$11.00

Surface Mount Boxes



The ISM has the ability to mount to multiple surfaces like standard electrical boxes, MEDIATRAX raceway, the RE-BOX, CP enclosure, rack rail, desktops, walls, and modular furniture.

Colors Available

BK	GY	EI	OW	W
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ISB1XX	ISM Surface Mount Box, 1-Port	\$1.95
ISB2XX	ISM Surface Mount Box, 2-Port	\$2.30
ISB4XX	ISM Surface Mount Box, 4-Port	\$4.65
ISB12XX	ISM Surface Mount Box, 12-Port	\$10.45

DESKPATCH Cat 6A RJ 45 Patch Cords

PatchSee



DESKPATCH is an original concept of RJ 45 cable using a cable tidy system that always puts the cable at the right length. DESKPATCH RJ 45 Patch Cords are designed, and tested to connect the network equipment to patch panels and network user outlets. They are warranted for cat 6A TIA/EIA-568-B-2.1 AD10 and ISO/IEC 11801 Channel test on a Permanent Link certified for transmission frequencies of up to 500 MHz.

Main characteristics

- Patch cord U/UTP 5 meters Cat 6A,
- U/UTP cable with cross web
- Special RJ 45 boot with insert and wires separator
- Slim boot (same width as the RJ 45), color dark grey
- Length : 5 and 10 meters
- Color cable: 4 colors cable with blue marking:

- Blue Sky, Red Violet, Apple Green, White Shining
- Cable tidy:

- 5 meters cable capacity
- Fixation by double-sided tape or screws
- Closure cap blister
- Dimensions and Weight:

- Outside diameter : 180 mm,
- Thickness : 30 mm
- Total weight: 270 grs
- Base and cap weight: 80 grs



Desk-VR-6-U/5	0 to 5 m Cat 6A U/UTP Violet red	\$6.25
Desk-AG-6-U/5	0 to 5 m Cat 6A U/UTP Apple green	\$6.25
Desk-BW-6-U/5	0 to 5 m Cat 6A U/UTP Bright white	\$6.25
Desk-SB-6-U/5	0 to 5 m Cat 6A U/UTP Sky blue	\$6.25

Cat 6 Patch Panels



S110® Field Termination Kits



Consolidation points are an interconnection between the telecom room to the telecom outlet. Using consolidation points, new wiring for a work station in an open office environment need extend only as far as the consolidation point, not all the way back to the telecommunication room. This provides for increased flexibility and economy when work stations require frequent re-configuration.

P612U	MUTOA, Category 6, Universal 89D, Black, 12-port	\$99.75
P6E24U	Patch Panel, NEXTSPEED® Category 6, Universal, Black, 24-port	\$155.00
P6E48U	Patch Panel, NEXTSPEED® Category 6, Universal, Black, 48-port	\$300.00
P6E96U	Patch Panel, NEXTSPEED® Category 6, Universal, Black, 96-port	\$580.00

Cat 5E Patch Panels



- Inline IDC termination.
- 100% factory tested.
- Eco-friendly packaging utilizes recyclable materials.
- Rolled edge provides rugged strength to eliminate flex during termination.

- Balanced PCB design delivers headroom over the TIA Category 5e up to 100MHz providing true application assurance.
- Universal wiring panels can be terminated using T568B/T568A wiring formats.

P5E16UE	Patch Panel, SPEEDGAIN® Category 5e, Universal, Black, 16-port	\$105.00
P5E24UE	Patch Panel, SPEEDGAIN® Category 5e, Universal, Black, 24-port	\$122.00
P5E48UE	Patch Panel, SPEEDGAIN® Category 5e, Universal, Black, 48-port	\$235.00
P5E96UE	Patch Panel, SPEEDGAIN® Category 5e, Universal, Black, 96-port	\$485.00

Patch Panels, Hinged, Fold-Down Cat 5e & 6



Fold-down panels provide an alternative hinged solution to the most rugged, feature rich, highest-performing panel in the industry. The fold-down panels contain a C6 series 48-port patch panel hinged to a 2U NEXTFRAME™ cable management panel. This hinged design authorizes the cable management panel to act as a support bench during termination and also allows for easy access to the rear (IDC) of the panel from the front of the rack. These panels can either directly attach to a relay rack/cabinet or can be mounted to a wall with the wall mount bracket version. The fold-down panels can help when there is a limited amount of real estate in the TR, by providing an orderly, aesthetic, easy patch panel/cable management maximizing the space.

P5E48UF19	Patch Panel, Hinged Rack Mount, Category 5e, Universal, 48-port	\$365.00
P5E48UF	Patch Panel, Hinged Wall Mount, Category 5e, Universal, 48-port	\$405.00
P648UF19	Patch Panel, Hinged Rack Mount, Category 6, Universal, 48-port	\$395.00
P648UF	Patch Panel, Hinged Wall Mount, Category 6, Universal, 48-port	\$415.00

110 Field Termination Kits



Create adaptable 110 termination fields for voice and data by mounting 110 wiring bases to the wall or a backboard. Bases come in 50-, 100- or 300-pair densities. The 50- and 100-pair bases may be ordered with or without standoff legs. All 300-pair bases include standoff legs, label strip holders and white paper labels.

110BLK50FTK4	Category 5e, 50-pair, 4-pair Blocks	\$16.75
110BLK50FTK5	Category 5e, 50-pair, 5-pair Blocks	\$16.50
110BLK100FTK4	Category 5e, 100-pair, 4-pair Blocks	\$24.85
110BLK100FTK5	Category 5e, 100-pair, 5-pair Blocks	\$26.45
110BLK300FTK4	Category 5e, 300-pair, 4-pair Blocks	\$61.80
110BLK300FTK5	Category 5e, 300-pair, 5-pair Blocks	\$61.80

S110® Modular Jack Wall Mount Blocks



The S110 modular jack block provides a pre-wired distribution solution for network applications. The modular jack block can be wall mounted and is typically used to connect horizontal cabling to network equipment. Connections are made by terminating 4-pair horizontal cables to S110 connecting blocks and patching to active equipment.

- Detachable Legs - 6- and 12- port panels may be detached from stand-off legs before, during or after installation.
- Faster Termination - Multi-pair punch-down tool can be used to reduce termination time.
- IEC Compliant Jacks - Modular jacks are IEC 60603-7 compliant & have 50 microinches min. hard gold plating over nickel.
- Clean Appearance - Cables entering through access openings in bases are hidden by designation labels.
- Universal Wiring - "universal" wiring for compatibility with both T568A and T568B wiring configurations.

S110AB5-50JPA	6 Port, T568B Modular Wall Mount Block	\$39.00
S110AB5-50JPT	6 Port, T568A Modular Wall Mount Block	\$39.00
S110AB5-100JPA	12 Port, T568B Modular Wall Mount Block	\$95.30
S110AB5-100JPT	12 Port, T568A Modular Wall Mount Block	\$95.30
S110AB5-200JPA	24 Port, T568B Modular Wall Mount Block	\$192.10
S110AB5-200JPT	24 Port, T568A Modular Wall Mount Block	\$192.10
S110AB5-300JPA	36 Port, T568B Modular Wall Mount Block	\$260.00
S110AB5-300JPT	36 Port, T568A Modular Wall Mount Block	\$260.00



S110 panels allow wiring blocks to be mounted directly to a 19 inch EIA rack. Each panel includes connecting blocks to complete each 25-pair termination strip.

- Color-coded pairs on S110 connecting block.
- Field terminated panels can be ordered with or without S110 wire managers and covers.
- 19" panels with cable managers include covers & a clean appearance for patching.

S110D(X)1-100RFT	100-Pair, 19" Panel, S110 Field Termination Kit	\$56.10
S110D(X)1-200RFT	200-Pair, 19" Panel, S110 Field Termination Kit	\$87.35
S110D(X)1-300RFT	300-Pair, 19" Panel, S110 Field Termination Kit	\$141.75

S110® Field Terminated Blocks



Complete S110 installation kits are available which include S110 wiring blocks with detachable legs (50- and 100-pair version only), S110 connecting blocks, and clear label holders with white designation labels.

S110AA1-50FT	50 Pair S110 Field Terminated Block with C5 Clips	\$21.25
S110AB1-50FT	50 Pair S110 Field Terminated Block with C4 Clips	\$20.00
S110AA2-100FT	100 Pair S110 Field Terminated Block with C5 Clips	\$30.50
S110AB2-100FT	100 Pair S110 Field Terminated Block with C4 Clips	\$28.95
S110AA2-300FT	300 Pair S110 Field Terminated Block with C5 Clips	\$86.35
S110AB2-300FT	300 Pair S110 Field Terminated Block with C4 Clips	\$82.85

S110® Connecting Blocks



Siemon category 5e S110C blocks terminate 22-26 AWG (0.64mm-0.40mm) solid or 7-strand wires. They also offer markings to designate tip and ring conductors and color-coded pairs on each block and a patented single-piece, robust construction.

S110C-4	4-Pair Connecting Block, Blue/Orange/Green/Brown	\$0.75
S110C-5	5-Pair Connecting Block, Blue/Orange/Green/Brown/Slate	\$0.75

50-Pair M1-50 S66 Connecting Block



The M1-50 is a proven, economical connecting block solution for category 5e network cabling. These features make this block an ideal choice for supporting today's high bandwidth technologies such as Voice over IP (VoIP) and Gigabit ethernet. The M1-50 66 block is fully compatible with all industry standard accessories and includes a wide range of available mounting accessories that allows the M1-50 to be installed in almost any environment.

S66M150	50-Pair M1-50 S66 Connecting Block	\$8.25
S89B	Wall Mount Bracket	\$1.75
SA1	Bridging Clip (Bag of 50)	\$2.00

S210® Field Termination Kits



Complete S210 installation kits include S210 wiring blocks with detachable legs*, S210 connecting blocks, and label holders with white designation labels.

S210AB2-64FT	H: 3.60" W: 10.71" D: 3.26"
S210AB2-128FT	H: 7.20" W: 10.71" D: 3.26"
S210AB2-192FT	H: 10.81" W: 10.71" D: 3.26"

*Legs detachable on 64-pair version only.

S210AB2-64FT	64-pair, S210 Field Termination Kit	\$37.75
S210AB2-128FT	128-pair, S210 Field Termination Kit	\$83.70
S210AB2-192FT	192-pair, S210 Field Termination Kit	\$110.00

S210® Field Terminated 19" Panels



S210 panels allow wiring blocks to be mounted directly to a 19 inch rack or cabinet. Includes the appropriate quantity of S210 connecting blocks, mounting hardware & label holders with white labels. Openings between rows allow horizontal cables to be routed from behind the panel & enter the block from the rear, maintaining cable jacket & twist up to the point of termination.

S210DB2-64FT	64-pair, 19" S210 Field Termination Kit	\$66.65
S210DB2-192RFT	192-pair, 19" S210 Field Termination Kit	\$148.75



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SignalMax Media Converters

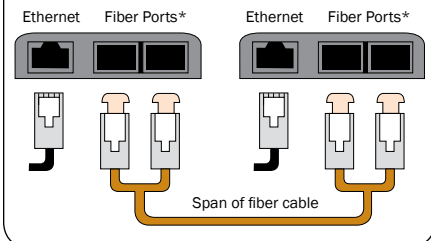
Media Converters from Signamax are an easy and cost-effective way to establish a fiber optic cabling infrastructure within your existing network. Signamax provides a wide array of converters to support your Ethernet, Fast Ethernet, and Gigabit Ethernet requirements. For media conversion that can work within an existing Network Control Center, Signamax has rack mountable and chassis-based converter systems to support clustered installations, and stand-alone managed converters to handle dispatch to outlying locations and Fiber to the Home (FTTH) environments. Our series of unmanaged converters provides simplicity with Link Fault Signaling, to allow managed switches to reroute when a path fails, and the ability to force speed and/or duplex modes to work where less flexible converters cannot. If small size is a key requirement, our 10/100 to 100FX mini media converters provide high quality and small size at a fair price.

065-1100	10/100BaseT/TX to 100BaseFX Media Converter ST Multimode, 2 km Span	\$110.00
065-1110	10/100BaseT/TX to 100BaseFX Media Converter SC Multimode, 2 km Span	\$110.00
065-1174	10/100BaseT/TX to 100BaseFX Media Converter LC Multimode, 2 km Span	\$189.00
065-1120	10/100BaseT/TX to 100BaseFX Media Converter SC Singlemode, 15 km Span	\$265.00
065-1196	10/100/1000BaseT/TX to 1000BaseSX Media Converter SC Multimode, 220m Span on 62.5µm Fiber / 550m Span on 50µm Fiber	\$520.00
065-1185	16-Bay Rack Mount Media Converter Chassis	\$525.00

*Appearance may change depending on fiber adapter conversion. SC Multimode adapters shown



How do media converters work?



100BaseFX Singlemode To Multimode Converters

Signamax Connectivity Systems' 100BaseFX Singlemode to Multimode Converters provide efficient solutions for interconnecting multimode fiber LANs over longer distances by integrating singlemode fiber optic cable into the LAN. They also enable Ethernet LAN and WAN connectivity, by providing a multimode interface to singlemode fiber carrier demarcation points. Each Media Converter is enclosed in a compact, strong metal case and includes an external power supply for stand-alone applications. They can also be installed without modification in the Signamax 065-1185 Rack Mount Chassis system, featuring redundant power supplies for high reliability in multiple converter installations.

- LEDs Monitor Network Status
- Singlemode Spans up to 75 Km
- IEEE 802.3u Compliant
- Sturdy Metal Enclosure
- Wall or Chassis-Mountable
- Lifetime Performance Warranty

065-1130	100FX SM/SC, 15km to MM/ST, 2km Converter	\$435.00
065-1130ED	100FX SM/SC, 40km to MM/ST, 2km Converter	\$555.00
065-1132	100FX, SM/SC, 15km to MM/SC, 2km Converter	\$435.00
065-1132ED	100FX SM/SC, 40km to MM/SC, 2km Converter	\$555.00



Gigabit Ethernet Media Converters

Signamax Connectivity Systems' Gigabit Ethernet Media Converters make it simple to extend distances over multimode or singlemode fiber. They are designed to expand the scope of your Gigabit Ethernet network applications and are 100% compliant with Ethernet IEEE 802.3ab and 802.3z specifications. These converters maintain the same form factor as other Signamax media converters, allowing use in the 065-1185 16-Bay Signamax Rack Mount Chassis. Twisted pair to fiber optic converters for both multimode and singlemode fiber, multimode to singlemode converters, and singlemode to singlemode extenders are available. In addition, the 065-1195SFP model utilizes Small Form-factor Pluggable (SFP) modules for the 1000Base connection, for max. flexibility of use in network architectures.

- Converts Twisted-Pair to Fiber or SM to MM Fiber at GB Speed.
- IEEE 802.3z & 802.3ab Compliant.
- FCC Class A & CE Approved.
- Auto-MDIX for Twisted-Pair.
- 065-1195SFP Model Supports SFP Modules for Flexible 1000Base Fiber.
- Performance Warranty.
- LEDs for Functions & Activity.
- Rack Mount or Standalone Operation.

065-1194	100SX TO 1000LX MM/SC to SM/SC, 10km	\$865.00
065-1194ED	1000SX to 1000LX MM/SC to SM/SC, 20km	\$990.00
065-1195	1000T to 1000SX MM/SC, 220m 62.5µ/550m 50µ	\$290.00
065-1195SFP	1000T to 1000Base SFP Converter	\$159.00
065-1197ED	1000T to 1000LX SM/SC, 20km Converter	\$695.00
065-1198XLD	1000LX to 1000LX SM/SC, 20km Repeater	\$1919.00



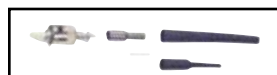
LightCrimp Plus



- Easiest and quickest fiber termination available
- Connections take under a minute.
- Limited or no training required
- No polishing needed: simply strip, cleave, and crimp.
- Factory-polished to a consistent high quality end finish-eliminates return loss concerns.
- No epoxy, curing ovens, or ultraviolet; no power needed.

1278118-4 Universal Lightcrimp Plus Kit

\$1395.00



ST Connectors



SC Connectors



LC Connectors

5492642-1	ST Style AMP Lightcrimp plus connector	\$12.75
5492643-1	SC Style AMP Lightcrimp plus connector	\$13.25
6278082-1	ST Style, 50/125µm MM Connector	\$12.75
6754483-1	LC Simplex connector, 62.5/125µm	\$20.25
6754483-2	LC Simplex connector, 50/125µm	\$20.25
6754482-1	LC Simplex connector SM Connector	\$20.56

CONNECTORS

Opt-X Fiber Tool Kits



49800-MTK



49800-FTK



49800-UTP

The Opt-X Light Fiber Tool Kit contains all the essential for field termination of Leviton's Fast-Cure & Threadlock connectors. It's convenient, cost-effective, as well as single/multimode compatible.



- All essential tools necessary for fiber connector terminations.
- Singlemode and multimode compatible.
- 100X inspection scope with oblique illumination, precision optics and laser safety filters.
- 900µm buffer remover tool provides easy buffer removal without breaking fiber, plus-0mm.
- +127mm accuracy without adjustments.

Opt-X-Fast-Cure Tool Kit Includes:

- Lightweight case
- 200x inspection scope
- Buffer remover
- Polishing pad
- 2.55mm & polishing fixture
- LC scope adapter
- Fiber optic crimp tool
- Safety glasses
- Scissors
- Jacket stripper
- Music wire

Opt-X Pro Tool Kit Includes:

- Compact lightweight case
- Jacket Stripper
- Buffer Remover (2)
- Scissors
- Marking pen
- Safety glasses
- Threadlock versa cleave tool
- Music wire
- Inspection scope
- Polishing pad & fixture

49800-MTK	Opt-X Light Tool Kit (fast-cure & threadlock connector compatible)	\$405.00
49800-FTK	Opt-X Fast-Cure Tool Kit (Fast-cure connector compatible)	\$815.00
49800-UTP	Opt-X Pro Tool Kit (threadlock connector compatible)	\$650.00

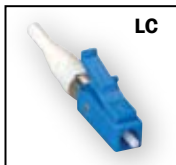
Fast-Cure Connectors



ST



SC



LC

49990-MST	ST Fast-cure Multimode 62.5 or 50µm	\$4.25
49990-MSC	SC Fast-cure Multimode 62.5 or 50µm	\$4.55
49990-ML2	LC Fast-cure Multimode 3mm boot	\$4.80
49990-MDL	LC Fast-cure Multimode 9mm boot	\$4.80
49990-SST	ST Fast-cure connector Singlemode	\$7.35
49990-SSC	SC Fast-cure connector Singlemode	\$7.60
49990-SL2	LC Fast-cure Singlemode 3mm boot	\$8.85
49990-SDL	LC Fast-cure Singlemode 9mm boot	\$8.80

Threadlock Connectors



ST



SC

REUSABLE CONNECTORS!

49884-MSC	SC threadlock Multimode 62.5 or 50µm	\$11.10
49882-MST	ST threadlock multimode 6.25 or 50µm	\$7.95
49884-SSC	SC threadlock singlemode connector	\$13.25
49882-SST	ST threadlock singlemode connector	\$10.60
49885-SBS	Fiber optic silicone build-up sleeve kit	\$4.80
49884-DPC	Threadlock SC duplex clip (25 bag)	\$11.50

LEVITON CONNECTORS

Fiber Termination Kit

Achieve faster fiber terminations and higher performance with Siemon's LightSpeed Termination Kit. This kit contains all the tools required for termination of singlemode or multimode ST or SC connectors - packaged in a rugged canvas case. All consumables are available in consumables kit.

- The case is constructed using a durable, black canvas material and designed with interior padded pouches and exterior velcro flap pockets providing security plus easy access to all items.
- A universal polishing puck is used for both ST and SC connectors
- All tools, consumables, & accessories are of the best quality for ease of use.
- A universal jack stripper is used for stripping simplex fiber cable with a diameter range of .75 - 4.0mm
- A non-slip work mat is included. The mat is constructed of a soft material for making fiber terminations.
- New cleave tool features a double-sided sapphire blade to provide twice the usable life.

The Siemon LC upgrade kit is used in conjunction with the LightSpeed Termination Kit (FTERM-L2) and has all the accessories to terminate LC connectors using Siemon's exclusive LightSpeed adhesive. The kit includes an LC polishing puck and a micro-torch* (to shrink the color-coded LC crimp sleeve tubings).

FTERM-L2 LightSpeed Fiber Termination Kit
FTERM-LC Fiber Termination Upgrade Kit

\$895.00
\$215.00



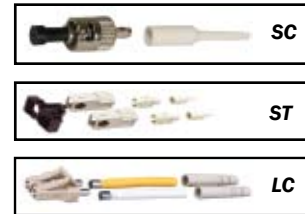
FTERM-LC: Fiber Termination Upgrade Kit

FTERM-L2



Siemon connectivity utilizes ceramic ferrules in conjunction with our LightSpeed® Termination Kits to deliver superior quality and optical performance.

FC1-LC-MM-B80	LC Multimode, buffered fiber, beige foot	\$5.08
FC1-LC-SM-B02	LC Singlemode, jacketed fiber, white foot	\$8.75
FC1-SC-MM-B80	Multimode buffered fiber, beige foot	\$5.10
FC1-SA-MM-B80	Multimode, buffered fiber, beige foot	\$5.75
FC1-SA-SM-B02	Simplex, Singlemode buffered fiber	\$11.75



CONNECTORS

Fast Connectors Tool Kit



The FAST Connector Tool Kit provides all the necessary installation tools required for fiber preparation of 250µm or 900µm fibers applied to AFL's new pre-polished FAST connectors. Included in the kit is the new Universal multimode/single-mode Cleave (CT-30A), AFL's premier cleaver with a 16 position blade and built-in fiber scrap collector. The tool kit effectively contains all the industry standard termination tools and still permits an adequate storage area for extra FAST connectors for on-site convenience.

Kit Includes:

- Fiber Stripper
- Scissors
- Lint Free Cloth Wipes
- Fiber Prep Fluid
- Fast Connector Installation and Assembly Instructions
- Strip Length Template
- Assembly Video
- Carrying Case
- CT-30A Universal Cleaver

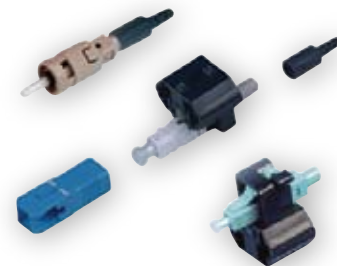
CS001201 FAST Connector Tool Kit

\$1325.00



Fast Connectors

CS007611-12	SC multimode 50/125 (12 Pack)	\$105.00
CS007610-12	SC multimode 62.5/125 (12 Pack)	\$105.00
CS007609-12	SC singlemode (12 Pack)	\$130.00
CS007612-12	SC multimode 10G laser optimized (12 Pack)	\$110.00
CS008481-12	ST multimode 50/125 (12 Pack)	\$110.00
CS008480-12	ST multimode 62.5/125 (12 Pack)	\$110.00
CS008479-12	ST singlemode (12 Pack)	\$135.00
CS008482-12	ST multimode 10G laser optimized (12 Pack)	\$115.00
CS007615-12	LC multimode 50/125 (12 Pack)	\$115.00
CS007614-12	LC multimode 62.5/125 (12 Pack)	\$115.00
CS007613-12	LC singlemode (12 Pack)	\$169.95
CS007616-12	LC multimode 10G laser optimized (12 Pack)	\$119.50



CONNECTORS

XLR8 Fiber Termination Kit



Siemon's new XLR8 mechanical splice termination kit incorporates an exclusive dual-process activation tool which dramatically reduces termination time per connector. The tool kit is universal - capable of terminating both SC and LC interfaces.



- Single Step Termination - XLR8 tool combines both splice activation and mechanical crimp into a single, optimized step
- Robust Process - Single-step termination eliminates the need to handle the connector between splice and crimp processes, maintaining integrity of the splice
- Flexible Ergonomics - Tool optimized for use in handheld or table-top orientation
- Reduced Risk of Polish Contamination - All termination steps completed w/connector dust cap in place
- Universal LC/SC Compatibility - Tool terminates both LC and SC connectors with no time-consuming changeover required
- Fiber Alignment Aid - Smooth alignment channel simplifies fiber insertion and avoids damage to fiber end face
- Precision cleaver - Kit features a user-friendly fiber cleaver designed to provide clean, precise and high performance cleaves on an array of fiber types

Product Contains

- Activation tool
- Buffer stripper
- Precision cleaver
- Marker
- Electrical tape
- Jacket stripper
- Scissors
- Strip template
- Alcohol pads
- Convenient carrying case

FTERM-XLR8

XLR8 Fiber Termination Kit

\$1735.00

Fiber Connectors

FC1M-LC-5L-B12	LC Simplex, 50/125µm Laser Optimized, 900µm buffered fiber, Aqua boot (XGLO)	\$13.75
FC1M-LC6MM-B80	LC Simplex connectors, 62.5/125µm multimode, 900µm buffer fiber, beige boot (LightSystem)	\$13.05
FC1M-LC-5MM-B01	LC Simplex connector, 50/125µm multimode, 900µm buffered fiber, black boot (LightSystem)	\$13.75
FC1M-LC-SM-B06	LC Simplex connector, singlemode, 900µm buffered fiber, blue boot (XGLO and LightSystem)	\$18.45
FC1M-SC-5L-B12	SC Simplex connector, 50/125µm laser optimized, 900µm buffered fiber, aqua boot (XGLO)	\$13.75
FC1M-SC-6MM-B80	SC Simplex connector, 62.5/125µm multimode, 900µm buffered fiber, beige boot (LightSystem)	\$13.25
FC1M-SC-5MM-B01	SC Simplex connector, 50/125µm multimode, 900µm buffered fiber, black boot (LightSystem)	\$13.75
FC1M-SC-SM-B06	SC Simplex connector, singlemode, 900µm buffered fiber, blue boot (XGLO and LightSystem)	\$16.35

Polishing Pucks



F/O Polishing Puck Disk	Plastic Polishing Fixture	Stainless Steel Puck	Co-Polymer Puck
- Precision-machined, stainless steel disk provides accurate polishing angle for desired end face finish.	- Universal fitting accepts all ST, SC, & FC connectors with 2.5mm ferrules.	- Used on ST, SC, & FC connectors. - Holes prevent misalignment.	- Used for standard ST, SC and FC connectors with 2.5 mm ferrules.

45-341 F/O Polishing Puck Disk SC/ST
45-342 Plastic Polishing Fixture
45599 Stainless Steel Polishing Puck
45598 Co-Polymer Polishing Puck

\$48.85
\$13.25
\$114.12
\$38.45

No-Nik Fiber Optic Strippers



- Centering device positions fiber for scoring & removal of buffer coating.
- Cutting blades made from razor quality steel score the buffer completely.
- Stripping blade diameter clearly marked on plastic handle.
- Arrow indicates direction pressure to be applied when stripping on head.

NN152 No-Nik Gold Handle .006" min. Strip Blade dia. **\$34.50**
NN175 No-Nik Mustard Handle .007" min Strip Blade dia. **\$34.50**
NN203 No-Nik Red Handle .008" min Strip Blade dia. **\$32.00**
NN254 No-Nik Lt. Blue Handle .010" min Strip Blade dia. **\$32.00**
NN305 No-nik White Handle .012" min. Strip Blade dia. **\$32.00**

Fiber Optic Strippers



45589	CFS-2	F01035	F0103 D250, F0103 DJ
Fiber Optic Buffer Stripper - Removes the buffer from both 250 & 900 micron cables. - Preset at the factory - no adjustments required. - Won't scratch glass or fiber. - 1.0 mm diameter stripping hole strips most fiber jackets. - Made in the USA.	Fiber Optic Stripper - 140 µm diameter hole and V opening in blade allows removal of 250µm buffer coating from 125µm fiber. - Second hole for stripping 2-3 mm fiber jackets.	Fiber Optic Stripper - For stripping 250 micron buffer coating from 125 micron optical fiber. - Factory set, requires no adjustment. - Prevents scratching or nicking of optical fiber.	Dual Hole Fiber Stripper - FO 103-DJ: Hole for stripping 2-3mm jackets & standard 125µm fiber. - FO 103-D-250: Second hole for stripping 900µm tight buffer down to 250µm buffer coating & standard 125µm fiber.

45589 Fiber Optic Buffer Stripper
CFS-2 Fiber Optic Stripper
F0103S Fiber Optic Stripper
F0103 D250 Dual Hole Fiber Optic Strippers
F0103 DJ Dual Hole Fiber Optic Strippers

\$69.55
\$21.99
\$38.95
\$64.95
\$43.25

F0103T 250J	46331
Tri-Hole Fiber Optic Stripper - 3-hole model performs all common fiber stripping functions in one tool. - Hole for removing 2-3mm fiber jackets. - Remove 900 buffer to 250µm coating. - Standard 250 to 125 micron stripping. - Same consistent quality and features found in our standard FO 103-S tool.	Electronic Kevlar Shears - 46331 is a high leverage tool for cutting, trimming & slicing through fibers & tough industrial materials. - Use to cut and trim wire insulation materials, copper leads, filament wire, and nickel ribbon. - High carbon steel for long life. - Quick action spring response.

F0103T 250J Tri-Hole Fiber Optic Stripper
46331 Electronic Kevlar Shears

\$68.00
\$21.25

Fiber Optic Strippers



45-349	45-350	45-352	JIC-4473
Jacket Stripper - Removes the jacket from 3mm Simplex/Duplex fiber cable. - Form-ground, blades for easy stripping w/o damage to fiber. - Contoured handles to reduce operator fatigue.	Lite-Strip Fiber Stripper - V-blades strip a wide range of outer insulations. - Spring returns handles to original position. - One-step, 900µm stripping hole for broader range.	MiniLite Fiber Stripper - Designed to remove rubber & coating from 235u fiber. - Removes 3mm jacket. - Strip notches pre-set no field adjustment needed.	Wire Stripper & Cutter The latest development in wire stripping & cutting. Simply place the wire in the stripping slot. Squeeze and pull. Comes with 22-24 AWG & 24-26AWG.

45-349 Jacket Stripper	\$16.55
45-350 Lite-Strip Fiber Stripper	\$148.00
45-352 MiniLite Fiber Stripper	\$45.65
JIC-4473 Wire Stripper & Cutter	\$47.85

JIC-125	JIC-375
Wire Stripper The JIC-125 stripper can strip 250 micron buffer coating from 125 micron optical fiber. Design prevents nicks or scratches on the optical fiber & blades are ground & hardened for long life. Yellow plastic dipped handles 5 3/16".	Fiber Stripper Three Hole This stripper strips the 2-3mm fiber jacket down to the 900micron buffer coating. The 2nd hole strips the 900 micron buffer coating down to the 250 micron coating & the 3rd hole strips the 250 micron cable down to the glass.

JIC-125 Wire Stripper	\$18.50
JIC-375 Fiber Stripper Three Hole	\$21.15

Fiber Optic Strippers



JIC-1022	1163	AM25	AM35
Wire Stripper & Cutter Designed to strip & cut the most commonly used stranded & single wire gauges 10-22AWG and 2-3mm fiber jackets.	Fiber Optic Stripper Fiber optic stripper removes outer jacket, buffer only or buffer and acrylate from 2.0-3.0 mm cable.	AM25 Slitter Slits cable insulation from PVC, Teflon & THHN insulations. (Not for polyethylene, polypropylene or XLP).	AM35 Slitter Slits cable 1-1.4" in dia. w/ PVC, Teflon & THHN insulations. (Not for polyethylene, polypropylene or XLP).

JIC-1022 Wire Stripper & Cutter	\$7.99
1171 Fiber Optic Stripper	\$47.98
1820 AM25 Slitter	\$46.75
1821 AM35 Slitter	\$58.55

Fiber Optic Crimpers



1822	8017, 8039
Universal Slitter Slit & strip round cables with .18" - 1.4" (4.5-35 mm) diameter. - Adjustable cutting depth. - Laser-trimmed, stainless steel blades.	8017: Crimper crimps SMA, SMB, SFR, ST, SC types with 2652 die set. 8039: Crimper crimps FC, SC, ST, LC, SMA, MT-RJ types with 2685 die set

1822 Universal Slitter	\$24.45
8017 SMA, SMB, SFR, ST, SC 1300 Series Crimper	\$66.40
2652 SMA, SMB, SFR, ST, SC Type Die	\$25.00
8039 FC/SC/ST/LC/SMA/MT-RJ CrimpALL® 8000	\$66.40
2685 FC/SC/ST/LC/SMA/MT-RJ Type Die	\$25.00

Cleavers



CT-30A	49886-TVC	CC125	1511
Fiber Cleaver: The standard for portable, reliable and ease of use. For either single fiber or ribbon splicing applications. The 16-position blade yields 48,000 single-fiber cleaves, or 4,000 12-fiber ribbon cleaves.	Thread-Lock Versa-Cleave Tool Diamond blade cleaves perfectly every time, eliminating a scribe and break procedure. The stop-watch design fits comfortable in the hand & works with any brand of 2.5 ferrule connector.	Fiber Cleaver Produces precise cleave lengths from 6.5 mm to 20 mm cleaves required by the generation of "no polish" fiber connectors in either simplex or duplex cables.	Kevlar Cutter Scissors for cutting protective Kevlar strands in fiber optic cable. - Hard-chromed serrated edge steel blades for utility applications.

CT-30A Fiber Cleaver	\$1250.00
49886-TVC Thread-Lock Versa-Cleave Tool	\$205.00
CC125 Fiber Cleaver	\$245.00
1511 Kevlar Cutter	\$22.70

Scissors/Cutters



45-344	JIC-186
Serrated Cutter - Two Step process significantly increase the life of this rugged tool. - Superior quality provides the super hard edges needed to stand up to today's demands.	Ergonomic Fiber Optic Kevlar Cutter High leverage shears designed to cut through Kevlar fibers and tough industrial materials. Strong enough to cut copper wire and thin steel material. Durable with one serrated & one straight edge. Red plastic dipped handles 6 1/2" long.

45-344 Serrated Cutter	\$21.90
JIC-186 Ergonomic Fiber Optic Kevlar® Cutter	\$11.50

Scribes



DS-60-C	DS-90-W	CS-30-W	CS-30-DE
Diamond Tip Fiber Scribe - The DS-60-C is a 60° Cone Angle-Diamond Tip Retractable Scribe - Made in the USA	Diamond Tip Fiber Scribe - The DS-90-W is a 90° Wedge-Diamond Tip Retractable Scribe, Part No.: 46140 - Made in the USA	Carbide Tip Fiber Scribe - The CS-30-W is a 30-degree wedge-tip carbide scribe 3.8 mm wide for long life and simple fiber termination.	Double End Fiber Scribe - 5mm wide blade wider than scribe blades. - "Soft feel" on anodized aluminum casing.

DS-60-C 60° Cone Angle-Diamond Tip Retractable Scribe 5.375"	\$36.00
DS-90-W 90° Wedge-Diamond Tip Retractable Scribe 5.375"	\$73.64
CS-30-W Carbide Fiber Scribe with 30° Tip	\$34.00
CS-30-DE Double End Carbide Fiber Optic Scribe	\$44.95

45-357, 45-358, 45-359	1922.1
DualScribe Fiber Optic Scribes - Professional quality blade styles to choose from to meet specific needs. - 30 degree single bevel - DualScribe™ reversible blade doubles tool life.	Fiber Optic Scribe Score the fiber optic glass in a scratch and pull technique of scribing fiber. - Scribe with non-reversible carbide tip.

45-357 Ruby Blade Fiber Optic Scribe Red Handle	\$27.45
45-358 Sapphire blade Fiber Optic Scribe Blue Handle	\$27.45
45-359 Carbide Blade Fiber Optic Scribe Black Handle	\$42.15
1922.1 Fiber Optic Scribe	\$23.45

Fiber Optic Cable Tester

- Simple, versatile, and user-friendly design
- Rugged, compact, and splash proof aluminum housing
- 650nm laser
- High output $\geq 0.5\text{mW}$
- Continuous wave output mode (CW) for steady illumination
- Blinking output mode increases viewing contrast
- Support 2.5mm connect (for PC/FC/SC/ST)
- The button switch permits one-handed operation

Range approx. 4km

Specifications:

Laser Class	Class 3A laser diode
Operating Temp.	0 ~ +40 °C
Storage Temp.	0 ~ +50 °C
Dimension length	160mm, dia 13.5mm



Fiber Optic Visual Fault Finder

- Connector Type 1.25mm (LC)
- Light Source Class 3A laser diode
- Nominal Wavelength 650nm $\pm 10\text{nm}$
- Temperature Operating Temp.: 0~40 °C
- Storage Temp.: -20 °C~60 °C
- Size Length: 6"
- Diameter: 1/2"
- Batteries 2X AAA (not included)
- Individual Packing Color box with black EVA inner case



902-186

Fiber optic cable tester

\$89.95

MT-7509

Fiber optic visual fault finder

\$92.35

VFF5 Visual Vault Finder



The Visual Fault Finder is a light source used to locate break, poor mechanical splices and damaged connectors in fiber optic cables. Its perfect to verify continuity, test and find breaks in fiber links, or anywhere fiber optic cables are terminated and subject to mechanical damage

VFF5 includes:

- Carrying Case
- Lens Cap
- Batteries
- Lanyard
- Instruction sheets



VFF5

VFF5 visual fault finder

\$305.00

VisiFault



The visual fault locator can locate fibers, verifies continuity and polarity, and helps find breaks in cables, connectors, and splices. Compatible with 2.5mm and 1.25mm connector for easy connection.

- Bright red visible laser light source
- Speeds fiber tracing and identification
- Rugged case survives drops, impacts, and vibrations
- Over 80 hours of battery life with two AA batteries



VisiFault

VisiFault visual fault finder

\$309.00

HILite & VFI2 Visual Fault Finders



The HILite and VFI2 are compact but powerful visible red laser designed to troubleshoot faults on fiber optic cables. Light generated by these units will escape from sharp bends and breaks in jacketed or bare fibers, as well as poorly mated connectors. They can identify faults in fiber optic jumper cables, distribution frames, patch panels, and splices trays.



VFI2
HILITE

Visual fault finder
Visual fault finder keychain

\$379.00
\$279.00

Visual Fault Finder



- Continuous wave output mode for steady fault location.
- Find breaks to 3km.
- Blinking output mode increases viewing contrast.
- Easy & quick interface fits all 2.5mm connector interfaces (FC, ST, SC).
- Ergonomic rotary switch permits easy one-handed operation.
- Rugged, compact and splash proof aluminum design.



170XL

Visual fault finder

\$405.00

Optical Fiber Inspection Scope

The Noyes OFS 300 from AFL Telecommunications is a versatile Optical Fiber Scope with precision 200X magnification. This handheld and rugged scope is used for inspection of optical fiber connectors for scratches, dirt, or other problems normally associated with poor transmission performance.

A built-in laser safety filter provides > 40 dB IR protection to reduce risk of injury to the eye if accidentally viewing an active fiber. The OFS 300 features a universal adapter cap mount that accepts a variety of Noyes thread-on style adapter caps (ordered separately) to ease inspection of many connector style. A momentary power switch located on the top panel keeps one hand free for focusing.

- Laser safety filter installed
- Universal adapter interface
- Low battery LED indicator
- Long battery life with 2 x AA alkaline
- Tripod mount
- Rugged, handheld, easy to use

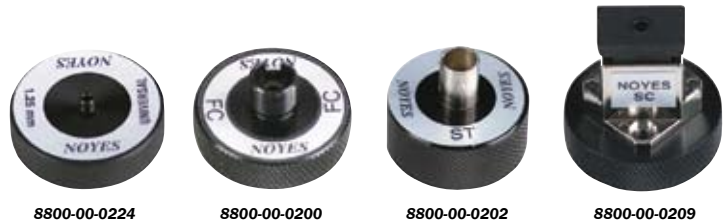
The OFS 300 offers 60 hours of continuous battery life from standard 2 x AA batteries and features an LED indicator, which will flash when batteries require replacement.



OFS-300-200C 200x optical fiber inspection scope **\$395.00**

Screw-On Adapter Caps

The standard thread-on adapter caps are used to mate non-angled and angled single-fiber and dual-fiber connectors to optical power meter ports on OPM power meters and OFS inspection scopes.



8800-00-0224	1.25mm universal screw-on adapter cap	\$50.00
8800-00-0214	2.5mm universal screw-on adapter cap	\$50.00
8800-00-0200	FC screw-on adapter cap	\$50.00
8800-00-0209	SC screw-on adapter cap	\$50.00
8800-00-0202	ST screw-on adapter cap	\$50.00
8800-00-0221	E-2000 screw-on adapter cap	\$165.00
8800-00-0204	Biconic screw-on adapter cap	\$50.00
8800-00-0203	SMA screw-on adapter cap	\$50.00
8800-00-0225	LC simplex/duplex screw-on adapter cap	\$90.00

8800-00-0210	ESCON screw-on adapter cap	\$225.00
8800-00-0211	DIN 47256 screw-on adapter cap	\$50.00
8800-00-0205	FDDI screw-on adapter cap	\$95.00
8800-00-0201	D4 screw-on adapter cap	\$50.00
8800-00-0219	OptiTap 2.5mm screw-on adapter cap	\$50.00
8800-00-0223	1000µm bare fiber (plastic) adapter cap	\$50.00
8800-00-0226	MU simplex screw-on adapter cap	\$95.00
8800-00-0230	MT-RJ (A side only) screw-on adapter cap	\$95.00
8800-00-0231	MT-RJ (A or B side) screw-on adapter cap	\$95.00
8800-00-0232	Nickel silver 2.5mm screw-on adapter cap	\$50.00

100-200x Inspection Scopes



Leviton's inspections scopes allow techs to view multimode and singlemode end-face polished safely and reduce change of over polishing (a side effect of many coaxial inspection scopes). The 200X scope features oblique viewing technology, ergonomic grip, 200X magnification and full laser eye protections through wavelength of 850-1550 nanometer.



49886-SCP	100x inspection scope	\$180.00
49886-FSP	200x inspection scope	\$205.00

FiberViewer Inspection Scope



Use FiberViewer microscopes to ensure fiber terminations are smooth and clean. Avoid the #1 cause of fiber link failure: dirty end-faces.

- Easy, manual focus of precision optics
- Factory-tested filters to protect eyes from harmful light exposure
- Universal adapters allow for inspection of end faces on many different connector types
- Available in 200x or 400x



FT120	FiberViewer 200x inspection scope	\$407.00
FT140	FiberViewer 400x inspection scope	\$458.00

Single/Multimode Test Kit w/Wave ID & Set Reference

These test kits combines an optical power meter and LED and Laser light source and is ideally suited for testing fiber optic networks with hybrid cables.

SLMP5-5 Contains:

- OLS4 optical light source
- OPM5-2D power meter
- AA batteries
- Protective rubber boots
- Adapter cap
- Windows® software and user's guide
- 50 and 62.5 μ m mandrels
- Carry case

SLMP4-4 Contains:

- OLS4 optical light source
- OPM4-2D power meter
- AA batteries
- Protective rubber boots
- Adapter cap
- Windows® software and user's guide
- 50 and 62.5 μ m mandrels
- Carry case

SLMP5-5
SLMP4-4

Single/multimode test kit w/data storage
Singlemode test kit with data storage

\$2800.00
\$2495.00



Contractor Series Test Kit with Set Reference

Economically Priced!

Combining the CSM2 optical power meter and the CSS-MM Dual LED light source, the CMK2 is a cost-effective test kit designed for performing insertion loss measurements on multimode fiber optic links.

CKM Contains:

- CSS1-MM Dual LED source
- CSM1-2 optical power meter
- AA batteries
- 2.5mm universal adapter cap
- UCI-SC connector
- 50 and 62.5 μ m mandrels
- User's guide

CKSM Contains:

- CSS1-MM Dual LED source
- CSS1-SM Dual Laser source
- CSM1-2 optical power meter
- AA batteries
- 2.5 mm universal adapter cap
- UCI-SC connector
- 50 and 62.5 μ m mandrels
- User's guide

CKSM-2
CKM-2

Multi/singlemode contractor series test kit
Multimode contractor series test kit

\$1545.00
\$749.00

Single-mode Test Kit with Wave ID & Set Reference

Economically Priced!

These test kits combine an optical power meter and the Laser light source and is ideally sited for testing SM fiber optic networks. The SLP5-6D performs loss measurements on SM fiber at 1310 & 1550nm.

SLP4-6D Contains:

- OLS2-Dual optical light source
- OPM5-4D optical power meter
- AA batteries
- protective rubber boots
- adapter cap
- USB cable
- Windows® compatible software and user's guide
- SLP5-6D test kit user's guide
- carry case

SLP5-6D Contains:

- OLS2-Dual optical light source
- OPM4-4D optical power meter
- AA batteries
- protective rubber boots
- adapter cap
- SLP4-6D test kit user's guide
- Carry case

SLP4-6D
SLP5-6D

Singlemode test kit
Singlemode test kit with data storage

\$2110.00
\$2495.00



Specifications	MLP1-1S	MLP1-2	MLP4-2	MLP5-2B	CKM2	CKSM2	SMLP5-5	SMLP4-4	SLP4-6D	SLP5-6D
Power Meter	OPM1-2C	OPM1-2C	OPM4-2D	OPM5-2D	CSM2	CSM2	OPM5-2D	OPM4-2D	OPM4-4D	OPM5-4D
Light Source	OLS1-1C	OLS1-2C	OLS1-Dual	OLS1-Dual	CSS-MM	CSS-(MM,SM)	OLS4	OLS4	OLS2-Dual	OLS2-Dual
Fiber Type	MM	MM, SM	MM, SM	MM, SM	MM	MM, SM	MM, SM	MM, SM	SM	SM
Measurements Units	dBm	dBm	dB, dBm, μ W	dB, dBm, μ W	dB, dBm, μ W	dB, dBm, μ W	dB, dBm, μ W	dB, dBm, μ W	dB, dBm, μ W	dB, dBm, μ W
Wavelength ID	-	-	yes	yes	-	-	yes	yes	yes	yes
Available Connectors	ST	ST	SC, ST, FC	SC, ST, FC	SC	SC	SC, ST, FC, LC	SC, ST, FC, LC	SC, ST, FC, LC	SC, ST, FC, LC
Set Reference	-	-	yes	yes	-	yes	yes	yes	yes	yes
PC software & storage	-	-	-	yes	-	-	yes	yes	-	yes

SimpliFiber Pro Fiber Optical Loss Test Kits

With new advanced capabilities that make testing simple, SimpliFiber® Pro Optical Power Meter and Fiber Test Kits are the best “go-to” kits for anyone involved in first-line optical fiber cabling installation and verification. Whether you are a fiber technician or contractor, our expertly configured kits contain all the tools necessary to quickly measure loss and power levels, locate faults and polarity issues, and inspect and clean connector end-faces. Industry-leading features such as single-port dual-wavelength testing and auto-wavelength detection, combined with time-saving capabilities such as CheckActive™, FindFiber™, and Min/Max make SimpliFiber Pro the best fiber test kit on the market.

- Dual-wavelength testing – complete testing in half the time
- Additional wavelengths to include 1490 and 1625 – calibrated to extend from typical enterprise wavelengths for broader applications
- Min/Max – precision tracking of intermittent power fluctuations, a superior alternative to the inaccurate “wiggle” test
- CheckActive – audible tone and display icon alerts you to a live wire
- Saves 1000 results – large internal memory enables continuous testing and recording; fully compatible with our popular LinkWare™ Cable Test Management Software
- Quickly locate cable fault, polarity, and connector problems with VisiFault VFL*
- Inspect end-faces at 200x magnification with the FT120 FiberViewer or FT500 FiberInspector Mini*

*Not available in all kit configurations



FTK1450



FTK1350

FTK1300

FTK2000

FTK1000

Features	FTK1450	FTK1350	FTK1300	FTK2000	FTK1000
SimpliFiber Pro power meter	•	•	•	•	•
850/1300 multimode source (SC port)	•	•	•		•
1310/1550 singlemode source (SC port)	•			•	
FindFiber Remote ID source	(2)	•	•		
FT120 FiberViewer optical microscope			•		
VisiFault VFL	•	•	•		
LC and ST adapters	•	•	•		
FT500 FiberViewer video microscope	•	•			
NFC-KIT-BOX cleaning equipment	•				
Carrying case	•	•	•	•	•

FTK1450 Complete fiber verification kit
FTK1350 Verification kit w/fiberinspector mini
FTK1300 Verification kit w/fiberviewer

\$6226.00
\$4242.00
\$3054.00

FTK2000 Basic verification kit
FTK1000 Basic verification kit

\$2879.00
\$2055.00

FiberMASTER Fiber Optic Test Kit

- Calibration Function - stores reference power level for quick dB loss measurements eliminating the need to manually calculate loss.
- Save Time and Money - power meter features 2.5mm universal and FC adapters, light source includes ST, SC and FC adapters to test the most common interfaces.
- Ready for FTTx - 1490nm measurement wavelength for use with nearly all single mode Fiber To The Home applications.

Kit Contains:

- Light source
- Power meter
- FC-SC 62.5um multimode cables SC calibration coupler
- Carrying case
- English, Spanish, German, French, Portuguese, Italian and Chinese user's manual



The FiberMASTER kit



FiberMASTER
power meter and
light source



33-928 Complete fiber verification kit

\$755.00

SIGNALTEK-FO



SIGNALTEK™ tests the link's ability to support applications by transmitting Ethernet packets on wire and measuring the link performance according to IEEE802.3ab Gigabit Ethernet standard. SIGNALTEK-FO™ offers all of the existing capabilities of the SIGNALTEK™ Qualifier such as Gigabit Ethernet Qualification, active link testing, & adds the power capability of fiber qualification.

SIGNALTEK-FO™ Includes:

- 1 SIGNALTEK Fiber Ready Near-End and 1 Remote-End Handset
- Carrying Case
- Copper Cable Accessory Kit with Interfaces to RJ45, RJ11, Coax F-Type Cables, and Alligator Clips
- Fiber Optic Cable Accessory Kit: 2 Duplex LC-SC 50/125µm (2m/7ft) cables, 2 duplex LC-SC 62.5/125m (2m/7ft) cables, 1 duplex SC-SC adapter
- 8 AA Alkaline Batteries
- 2 AC Power Adapters with International Plugs
- USB Interface Cable
- 1 CD-ROM User Manual
- 1 Training DVD

33-981	SIGNALTEK-FO W/ 2 850nm MODULES	\$2205.00
33-982	SIGNALTEK-FO W/ 2 13X0nm MODULES	\$2590.00
33-983	SIGNALTEK-FO W/ 2 850nm & 2 13X0nm MODULES	\$2879.00

Singlemode & Multimode Fiber Optic Test Sets



*The last two letters of the model number represents the type of interface of the individual kit: FC, SC, or ST

Descriptions:	5670	5680	5890
Insertion Loss Test Set for Multimode Fiber	•	•	•
Connector for FC, SC, or ST	•	•	•
Rugged package design	•	•	•
Easy-to-use portable package	•	•	•
850/1300nm loss measurements	•		•
1310/1550nm loss measurements		•	•
Included with Kits			
560XL Optical Power Meter	•		•
580XL Optical Power Meter		•	
570XL 850/1300nm LED Source	•		•
580XL 1310/1550nm LED Source		•	•
SOC Adapter	•	•	•
914B Carrying Case	•	•	•

5670XL-__*	Multimode Fiber Optic Test Set	\$1125.00
5680XL-__*	Singlemode Fiber Optic Test Set	\$1530.00
5890XL-__*	Multimode/Singlemode Fiber Optic Test Set	\$1995.00

CertiFiber® Optical Loss Test Set



The DTX-CLT CertiFiber® OLTS enables you to easily and accurately certify two fibers concurrently over two wavelengths according to custom requirements or established industry specifications. Quickly & efficiently conduct troubleshooting with a convenient integrated Visual Fault Locator (VFL).

- 12 second Autotest – loss measurement of two fibers at two wavelengths, optical link budget calculation, and a PASS/FAIL analysis
- Fast and professional test result documentation via the widely-used LinkWare reporting software
- Optimized for applications ranging up to 10 Gig
- Interchangeable multimode and singlemode modules (which are also compatible with the popular DTX CableAnalyzer™ Series)
- Accurate fiber length measurement – eliminate haphazard guessing!
- Continuity and polarity verification
- Easy-to-use and widely-recognized DTX-based user interface
- On-board visual fault locator (VFL) to locate fibers and breaks
- Supports various small form factor (SFF) fiber connectors

DTX-CERTIFIBER-M	MM CertiFiber with DTX-MFM2 & set of 50µm SC/SC test reference cords	\$5664.00
DTX-CERTIFIBER-S	SM CertiFiber with DTX-SFM2 & set of CC/SC test reference cords	\$7415.00
DTX-CERTIFIBER-MS	MM & SM DTX-CLT CertiFiber; includes DTX-MFM2 & DTX-SFM2 & set each of 50 µm & SM SC/SC test reference cord	\$10295.00

Fiber OneShot PRO

Fiber OneShot PRO takes the complexity out of singlemode fiber testing by analyzing fiber links and measuring faults up to 15 miles in less than five seconds.

- One-button troubleshooting – no lengthy set-up necessary
- Six-second test time – no more blind troubleshooting that can last up to hours
- Locate high loss incidents or breaks – find the most common causes of fiber failure
- Locate reflective incidents – discover causes of bit error rates, a primary source of network performance degradation
- Locate multiple incidents – quickly see potentially problematic connections in the channel

- **FIBR-1-SHOTPRO** includes meter, SC adapter, 22-language quick reference guide on CD, manual and batteries.
- **FIBR-1-KITPRO** includes meter, SC adapter, UPC-UPC 2-meter patch cord, holster, case, 22 language quick reference guide on CD, manual and batteries
- **FIBR-1-KITPRO-VF** includes meter, SC adapter, UPC-UPC 2-meter patch cord, holster, case, 22-language quick reference guide on CD, manual and batteries plus the VisiFault Visual Fault Locator with 2.5 mm universal adapter
- **FIBR-1-KITPRO-PM** includes meter, SC adapter, UPC-UPC 2-meter patch cord, holster, case, 22-language quick reference guide on CD, manual and batteries plus SimpliFiber Pro optical power meter and SC adapter
- **FIBR-1-KITPRO-VFPM** includes meter, SC adapter, UPC-UPC 2-meter patch cord, holster, case, 22-language quick reference guide on CD, manual and batteries plus the VisiFault Visual Fault Locator with 2.5 mm universal adapter and SimpliFiber Pro optical power meter & SC adapter
- **FQM-KIT** includes Fiber QuickMap, SC/SC and SC/LC (50 and 62.5 µm) hybrid test reference cords and carrying pouch

FIBR-1-SHOTPRO	Fiber OneShot PRO only	\$1649.00
FIBR-1-KITPRO	Fiber OneShot PRO-SC-Kit	\$1599.00
FIBR-1-KITPRO-VF	Fiber OneShot PRO-SC-Kit w/VisiFault	\$1949.00
FIBR-1-KITPRO-PM	Fiber OneShot PRO-SC-Kit w/SimpliFiber Pro	\$2549.00
FIBR-1-KITPRO-VFPM	Fiber OneShot PRO-SC-Kit w/VisiFault & SimpliFiber Pro	\$2749.00
FQM-KIT	Fiber QuickMap Kit	\$2399.00



Accessories for the Fiber OneShot PRO

FIBR-UPC-CORD-2M	2m UPC-UPC patch cord	\$69.00
NFK3-LAUNCH	Launch fiber, 9/125µm, SC/UPC to SC/UPC, 130m	\$613.00
NFK3-LAUNCH-ST	Launch fiber, 9/125µm, SC/UPC to ST/UPC, 130m	\$613.00
NFK3-LAUNCH-LC	Launch fiber, 9/125µm, SC/UPC to LC/UPC, 130m	\$613.00
NFK3-LAUNCH-FC	Launch fiber, 9/125µm, SC/UPC to FC/UPC, 130m	\$613.00

Fiber QuickMap

Fluke Networks' Fiber QuickMap is an enterprise fiber troubleshooter that quickly and efficiently locates connections and breaks in multimode fiber. By instantly providing distances to failures such as high loss and high reflectance incidents, Fiber QuickMap is the must-have network tester for any technician who works with fiber.

- One-button testing – can be used straight out of the box with no user-setup required
- Six-second test time, eliminating blind troubleshooting that can last hours
- Locate incidents in the channel to provide visibility of any problematic links and connections
- Locate high loss incidents or breaks, the most common causes of multimode fiber failure
- Locate and measure high reflective incidents, which cause poor network performance
- Perfect data center cabling network tester

- FQM-MAIN:** Enterprise Fiber Troubleshooter with carrying pouch
- FQM-KIT:** Fiber QuickMap, SC/ SC and SC/LC (50 & 62.5 µm) hybrid test reference cords, and carrying pouch
- FTS900:** Fiber QuickMap, SC/ LC (50 and 62.5 µm) hybrid test reference cords, VisiFault VFL, and carrying pouch
- FTS1000:** Fiber QuickMap, SC/SC and SC/LC (50 and 62.5µm) hybrid test reference cords, VisiFault VFL, SimpliFiber Pro power meter and multimode source, and carrying case
- FTS1100:** Fiber QuickMap, SC/SC and SC/LC (50 and 62.5µm) hybrid test reference cords, VisiFault VFL, SimpliFiber Pro power meter and multimode source, FT500 FiberInspector Mini video microscope, and carrying case

FQM-MAIN	Fiber QuickMap	\$1999.00
FQM-KIT	Fiber QuickMap Kit	\$2399.00
FTS900	Fiber QuickMap Kit	\$2649.00
FTS1000	Fiber QuickMap Troubleshooter Kit	\$4249.00
FTS1100	Fiber QuickMap Troubleshooter Kit	\$5599.00



Accessories for the Fiber QuickMap

NFK1-1SMPLX-SC	Test cord, 62.5/125 µm, SC/SC, 1m	\$50.00
NFK1-1SMPLX-LC	Test cord, 62.5/125 µm, SC/LC, 1m	\$50.00
NFK1-1SMPLX-ST	Test cord, 62.5/125 µm, SC/ST, 1m	\$50.00
NFK2-1SMPLX-SC	Test cord, 50/125 µm, SC/SC, 1m	\$50.00
NFK2-1SMPLX-LC	Test cord, 50/125 µm, SC/LC, 1m	\$50.00
NFK2-1SMPLX-ST	Test cord, 50/125 µm, SC/ST, 1m	\$50.00
NF-OPRT-SC	SC Fiber QuickMap port	\$79.00
NFK1-LAUNCH	CABLE KIT, SC/SC, 62.5UM	\$613.00
NFK1-LAUNCH-FC	CABLE KIT, SC/FC, 62.5UM	\$613.00
NFK1-LAUNCH-LC	CABLE KIT, SC/LC, 62.5UM	\$613.00
NFK1-LAUNCH-ST	CABLE KIT, SC/ST, 62.5UM	\$613.00
NFK2-LAUNCH	CABLE KIT, SC/SC, 50UM	\$613.00
NFK2-LAUNCH-FC	CABLE KIT, SC/FC, 50UM	\$613.00
NFK2-LAUNCH-LC	CABLE KIT, SC/LC, 50UM	\$613.00
NFK2-LAUNCH-ST	CABLE KIT, SC/ST, 50UM	\$613.00
NFK2-LAUNCH-E2K	CABLE KIT, SC/E2K, 50UM	\$613.00

FiberInspector Mini

FLUKE
networks

Use FiberInspector™ Mini to examine installed fiber terminations or ensure terminations are smooth and clean. Avoid the #1 cause of cause of fiber link failure: dirty end-faces.

The Fluke Networks FiberInspector Mini Video Microscope puts the solution to contaminated end-faces in the palm of your hand. This portable video microscope works ten times faster than traditional scopes. Simply insert the probe and inspect installed fiber connectors through the bulkhead adapters without accessing the backside of the patch panels. Using a video microscope also completely ensures that no harmful laser light ever reaches your eyes.

Kit Contains:

- Fiber probe & display
- AC adapter/battery charger
- Probe adapter tips (ST, SC, & universal 2.5mm patch cord tip)
- Soft carry case.

FT500 FiberInspection Mini Video Microscope

\$1540.00



FiberInspector Pro

Inspect fiber connections quickly and safely with Fluke Networks' FiberInspector Pro™ Video Microscope

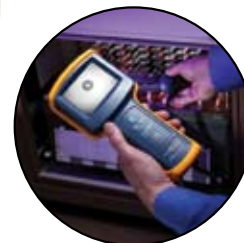
Dirt, dust and other contaminants are the enemy of high-speed data transmission over optical fiber. With today's network applications requiring more bandwidth and loss budgets being tighter than ever before, it is critical that all optical connections are clean and free of contaminants to ensure network operation.

The Fluke Networks FiberInspector Pro™ Video Microscope put the solution for your fiber testing business right before your eyes. Now available in a dual magnification configuration, this portable video microscope works ten times faster than traditional scopes. Simply insert the probe and inspect installed fiber connectors through the bulkhead adapters without accessing the backside of the patch panels.

- Easily inspects fiber connectors already installed in patch panels
- Quickly determines whether fiber connectors on a hardware device are clean and in good condition - without disassembling the device
- Contains high-magnification optics that provides crisp images of microscopic debris and end-face damage.
- Includes a high-contrast, handheld display that presents instant, sharp images with its 3.5" active matrix LCD.
- Is compatible with standard ST, SC, and FC connectors, and other connector types including small form factor connectors with optional adapter tips.

FT600 FiberInspection Pro Video Microscope

\$3600.00



The FiberInspector Pro is the ultimate inspection tool. Its 3.5" screen provides a larger image from its dual magnification probe.

Fiber Optic Inspection Microscope

Fiber inspection scopes are used to inspect optical fiber connectors for scratches, dirt, pits, or other problems normally associated with poor transmission performance. By using threaded adapter mounts, Noyes fiber scopes can inspect the fiber and surrounding ferrule of virtually any connector style. Three models, the VFS 1, OFS 300, and VS 300 are available for various applications.

VS 300 View Safe Video Microscope for Fiber Optic Connectors on Patch Cords. The VS 300 view safe video microscope removes concerns for eye safety while inspecting optical fiber connectors. The design eliminates the optical path to the eye by utilizing a miniature camera and a state-of-the-art micro-display that achieves unparalleled clarity and resolution.

VS300 Fiber Optic Inspection Microscope

\$765.00



Compatible with
Noyes screw-on
adapter caps
p.32

NOYES



Fiber Optic Cleaning Kits

ITW Chemtronics®



The fiber optic kit for installation and maintenance, ITW Chemtronics has included only the cleaning supplies necessary for making a successful 2.5mm fiber optic connection. Electro-Wash PX precision fiber optic cleaner and QbE cleaning system are included for performing the CCp. Swabs are also included for cleaning ferrules, alignment sleeves and backplane connections. Electro-Wash MX premoistened wipes are included for tool and cable wiping. The swabs are packaged in rugged tubes for field operations. They are equipped with a carabineer to clip on a tool belt for transport or to clip a cable for convenient access.

Kits include:

- QbE cleaning system (200 sheets)
- Electro-Wash PX cleaner
- 2.5mm foam swabs (50 swabs)
- Lint-free wipes (100 4"x4" wipes)
- Electro-Wash MX premoistened wipes (5)

- Instructions
- Rugged bag with carabineer attachment

CFK1000 also includes:

- V-groove and ferrule cleaning swabs (50 swabs)
- Fusion splice mirror cleaning swabs (15 swabs)

CFK1000	FTTH Fiber Optic Cleaning Kit
CFK1010	I&M Fiber Optic Cleaning Kit

\$97.35
\$70.15

Fiber Optic Cleaning Kits

FLUKE networks



By using the specially formulated solvent, all contaminants are dissolved, static charge is neutralized and particles are lifted without scratching the end-face. The customized wipers and swabs are used to deliver the solvent to the end-face, entrap microscopic debris and absorb dissolved contaminants.

NFC-Kit-Case kit includes:

- Cleaning cube with wipes
- Ten cards with sealed cleaning zones
- Solvent pen
- 2.5mm port cleaning swabs
- 1.25mm port cleaning swabs
- Rugged carrying case

NFC-Kit-Box kit includes:

- Cleaning cube with wipes
- Five cards with sealed cleaning zones
- Solvent pen
- 2.5mm port cleaning swabs

NFC-Kit-Case	Cleaning Sticks Biconic/MPO
NFC-Kit-Box	Cleaning Stick 1.6 & 2.0mm connectors

\$180.00
\$82.00

Fiber Optic Cleaning Kits

STICKLERS



Engineered specifically for removing microscopic particulate and oils from optical devices, the FiberCare family of optical cleaners deliver excellent value and performance. These products can be used on any optical device, photonics system or component.

Kit contains:

- 1 - Can Fiber Prep Fluid
- 1 - Can of Fiber Connector Cleaner
- 2 - Mini-tubs FiberWipes (180 total)

- 25 - FiberAide Wipes
- 20 - 1.25mm Cleaning Sticks (LC, MU)
- 30 - 2.5mm Cleaning Sticks (ST, FC, SC)
- 1 - Port cleaning instruction sheet

FK01	Fiber Optic Cleaning Kit
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\$95.00

Solvent Pen

- Contents: 9g or fiber optic solvent
- Felt-tip, spring-activated valve in aluminum pen body
- Dimensions: 5.5" x 0.5" dia



NFC-SolventPen	Solvent pen	\$10.00
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Cleaning Zone Cards

- Contents: 12 cleaning zones
- Dimensions: 3.75" x 2" x 0.1"
- Material: Lint-free 55% cellulose/45% polyester



NFC CARDS-5PACK	5 Cards with sealed cleaning zones	\$21.00
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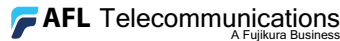
Cleaning Cube

- Contents: 125 wipes - each cleans up to 4 end-faces
- Dimensions: 2" x 2" x 2"
- Material: Lint-free 55% cellulose/45% polyester



NFC CUBE	Cleaning cube with wipers	\$36.00
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MPO Cleaner



The MPO Cleaner is a high-performance device designed for cleaning the ferrule end-faces of MPO connectors. This tool cleans the fiber endface without the use of alcohol. It saves time by effectively cleaning all 12 fibers at once. The MPO connector cleaner is designed to clean both exposed jumper ends and connectors in adapters.



CS000710 MPO Cleaner

\$84.00

Connector Cleaning System



- Special lint-free fabric-on-a-reel quickly cleans ferrule endfaces of dust, oil, & contaminants.
- Cleaning system is self-contained.
- No need for alcohol.
- Single reel can be used for over 400 ferrules.



948 Connector Cleaning System

\$109.95

IBC Brand Cleaner for MPO Style Connectors

The USConec IBC Brand Cleaners for multifiber connections are the first dry cloth cleaners specially designed to clean MT ferrule based connectors placed in an adapter, faceplate or bulkhead. This family of cleaners will clean both male and female MT ferrules.



The US Conec IBC Brand Cleaners for multifiber connections are simple to use and highly effective at removing oil and dust contaminants that can negatively impact optical performance.

- IBC Brand Cleaner for MPO style connectors
- Cleaning cloth made from high density woven micro fibers
- Adapter tip is supplied for cleaning unmated MPO style connectors

7104 IBC Brand Cleaner MPO

\$80.00

IBC Cleaning Tools



The US Conec IBC Brand Cleaner are dry cloth cleaners specially designed to clean single fiber connectors residing in an adapter, faceplate or bulkhead. The dust cap of the cleaner acts as an adapter for cleaning unmated connectors.



- IBC Brand Cleaner SC for 2.5mm connectors designed for SC, ST, and FC for UPC & APC polishes
- IBC Brand Cleaner LC for 1.25mm connectors Designed for standard LC, LC secure key and MU for UPC & APC polishes
- IBC Brand Cleaner HC for Hardened connectors
- Designed for OptiTap compatible connector systems

9392 IBC Brand Cleaner SC

\$70.00

9393 IBC Brand Cleaner LC

\$70.00

9394 IBC Brand Cleaner HC

\$70.00

NEOCLEAN R Cassette Cleaner

The disposable cassette cleaner that is palm sized, light weight and easy to use for cleaning fiber optic connector end faces. This cassette cleaning package offers an economical, all-dry cleaning solution. The sealed container prevents cloth contamination from external debris.



The NEOCLEAN R is easy to use and works by simply turning the cleaning wheel to expose a new section of cleaning cloth and swiping the connector.

The NEOCLEAN R provides 200+ cleanings per cassette. Cleaning cloth is made from highly dense woven fiber to reduce fraying during use.

8505 Cassette Cleaner LC, SC, FC, ST, MU, (F) MT connectors **\$42.35**

8504 Cassette Cleaner OptiTap - compatible connection system **\$42.35**

OPTIPOP R Refillable Cassette Cleaners

The OPTIPOP R is a cassette style fiber optic connector cleaner system that can be refilled for reducing cleaning costs. It uses a woven micro-fiber cleaning fabric to remove harmful contaminants off of the ferrule end face. The cassette cleaners will accommodate all single fiber connections. The OPTIPOP R cleaners will accommodate the alignment guide pins on male MT ferrules.



6338 OPTIPOP R cassette cleaner - Single Slot. **\$87.00**

6339 OPTIPOP R cassette cleaner - MPO Male. **\$87.00**

6437 OPTIPOP R cassette cleaner - Two Slot. **\$87.00**

8057 OPTIPOP R cassette cleaner - FTTX **\$87.00**

6340 OPTIPOP R cassette cleaner - MTRJ Male **\$87.00**

6232 OPTIPOP refill 6 pack. **\$150.00**

Electro-Wash® PX Fiber Optics Precision Cleaner

- Cleans end-faces/connectors
- One-step buffer gel removal
- Cleans a range of oil & soils
- Use w/QbE Cleaning System or Econowipes™ wiper



ES810

\$9.95

QbE® Cleaning System

- Complete Fiber Optic Cleaning System - No refills to buy or investment in expensive mechanisms to maintain



QBE

\$38.95

Electro-Wash® MX Presaturated Wipe

- Cleans all soil types, removes organic and ionic soils
- Moderate evaporation rate increases cleaning power
- Leaves no residue



CP421

\$42.85



IPA Presaturated Wipes

- Features ultra pure mixture of 70% IPA and 30% deionized water
- Features ultra pure mixture of 70% IPA and 30% deionized water or 91% IPA and 9% deionized water



SIP100P

\$23.95

Fusion Splicer FSM-11S



Splicer Includes:

- FSM-11S Fusion Splicer
- FH-50-250 Fiber Holders
- BTC-04 Battery Charger
- BTR-07 Battery
- Space Electrodes (Pair)
- Operation Manual
- Transit Case
- CT-30 Cleaver (kit only)

Splicemate's Advanced intelligence features include dual-camera fiber inspection to insure the splice is right, and auto arc calibration. An industry first. It's easy to operate and quickly makes low loss splices with all common types of optical fibers up to 4-fiber ribbons. The SpliceMate is available with powering options including a battery pack and adapters to work with AC or DC power sources.

Applicable Fibers	SMF, MMF, NZ-DSF, DSF
Number of Fibers	Single fiber (FSM-11S)
Cladding Diameter	125µm
Coating Diameter	250µm and 900µm
Typical Average splice loss	SMF = 0.05dB / MMF = 0.02dB
Splicing Time	FSM-11S (11 seconds)
Arc Calibration Method	Automatic and manual methods
Splicing Modes (40)	Auto SM / NZ / DS Auto MM SM, MM, NZ-DSF, DSF
Splice Loss	Estimate based on dual camera inspection
Monitor	3.5" adjustable monitor angle (front or top selectable)
Tube Heating Time	40 seconds
# of Splice/Heat w/Battery	30
Power Supply	AC, DC, Battery
Wind Protection	30 mph
Weight with battery	0.80kg / 1.76 lbs

S013956	FSM-11S Splicer (1 Ribbon Version - Splicer Only)	\$7495.00
S013988	FSM-11S Splicer (1 Ribbon Version - Kit)	\$8390.00

FSM-60S Fusion Splicer



Splicer Includes:

- FSM-11S Fusion Splicer
- FH-50-250 Fiber Holders
- BTC-04 Battery Charger
- BTR-07 Battery
- Space Electrodes (Pair)
- Operation Manual
- Transit Case
- CT-30 Cleaver (kit only)

FSM-60S splices a fiber in 9 seconds & heats a 60mm splice sleeve in 30 seconds, for a time of only 39 seconds. New software included provides the ability to download splice data to a PC for splice data reporting, download splicer operating software via the internet to maintain peak performance.

Applicable fibers	Single-mode, Multimode, DS, NZDS
Cladding/coating dia.	80µm to 150µm/100µm to 1000µm
Fiber cleave length	8 to 16mm with 250µm coating dia, 16mm with 900µm coating dia
Average splice loss	0.02dB with SM, 0.01dB with MM, 0.04dB with DS, 0.04dB with NZDS
Arc calibration method	Automatic, real-time by results of splice when in AUTO mode, Manual
Splicing modes	100 preset and user programmable modes
Splice loss estimate	Based upon dual camera core alignment data
Storage of splice result	Last 2000 results to be stored in the internal memory
Fiber display	X or Y, or both X & Y simultaneously, Front or rear monitor display options
Magnification	300X for single X or Y view, or 187X for X and Y view
View method	Dual camera with 4.1" TFT color LCD monitor
Operation condition	0 to 5000m above sea level, 0 to 95%RH and -10 to 50°C
Mechanical proof test	1.96 to 2.25N
Tube heating time	30 sec. w/FP-03 sleeve, 35 sec. w/FP3(40), 35-55 sec. w/micro sleeves
Protection sleeve length	60mm, 40mm, micro
Splice/heat with battery	Typical 160 cycles with power save function activated
Power supply	100-240V AC or 10-15V DC w/ADC-11, 13.2V DC w/BTR-08 battery
Wind protection	Maximum wind velocity for 15m/s (34mph)
Weight	5.1lbs with AC adapter ADC-11; 5.9lbs with BTR-08 battery

S014531	FSM-60S Splicer (Machine Only)	\$17000.00
S014532	FSM-60S Splicer Kit (w/cleaver)	\$17900.00
S014562	FSM-60S Splicer Kit (w/cleaver, battery, & cord)	\$18225.00



Splice Protection Sleeves

Specially designed for optical components, where small packaging is a priority. These micro sleeves provide the known reliability of sleeves in the smallest possible lengths.

Standard Sleeves: Dimensions & Applicable Fiber (Solid in packs of 250)

Part #	Model	Fiber	Len.	Cleave L.	Dia. After	Price
FP-03 for single fiber up to 900 microns						
S000065	FP-03	-	60mm	16mm	3.1mm (max)	\$155.00
S000206	FP-03(40)	-	40mm	10mm	3.1mm (max)	\$170.00
FP-04(T) and FP-05 for ribbon fiber (coating thickness of 0.44mm or less)						
S002105	FP04(T)	8	40mm	10mm	4.1mm (max)	\$1050.00
S003027	FP-05	12	40mm	10mm	4.5mm (max)	\$475.00

MicroSleeves: Dimensions & Applicable Fiber (Sold in Packs of 250)

FPS01-900 Series for single fibers up to 900 Micron Fiber						
S012684	FPS01-900-15	-	15mm	4mm	2.3mm	\$175.00
S012688	FPS01-900-20	-	20mm	6mm	2.3mm	\$212.50
S011954	FPS01-900-25	-	25mm	6mm	2.3mm	\$170.00
S012692	FPS01-900-34	-	34mm	13mm	2.3mm	\$225.00
S012696	FPS01-900-45	-	45mm	16mm	2.3mm	\$375.00
FPS01-400 Series for single fibers up to 400 Micron Fiber						
S014088	FPS01-400-12	-	4mm	4mm	1.5mm	\$212.50
S012668	FPS01-400-15	-	4mm	4mm	1.5mm	\$212.50
S012672	FPS01-400-20	-	8mm	8mm	1.5mm	\$212.50
S012676	FPS01-400-25	-	10mm	10mm	1.5mm	\$162.50
S012680	FPS01-400-34	-	15mm	15mm	1.5mm	\$175.00
S011914	FPS01-400-40	-	16mm	16mm	1.5mm	\$170.00

Fiber Cleaver



The CT-30A Cleaver sets the standard for portable, reliable and ease of use. Available for either single fiber or ribbon splicing (up to 12 fiber ribbons) applications. Designed for excellent portability, the CT-30 is equally at home in a splicing van or in a bucket truck and is ideal for FTTX applications. The 16-position blade yields 48,000 single-fiber cleaves, or 4,000 12-fiber ribbon cleaves before requiring replacement, and the built-in scrap collector conveniently stores fiber shards until they can be discarded.

CT-30A	Fiber Cleaver	\$1250.00
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**Optical Light Source**

The OLS1 is a cost-effective, rugged, handheld LED light source for performing insertion loss measurements on fiber optic links when used with an optical power meter. The LED output is stabilized to ensure accurate test results per current TIA/EIA requirements.

The OLS1 is easy to operate with only a [Wavelength/Power] switch, which selects optical wavelengths or disables unit. [Active Output], [Battery], and [External Power] indicators identify the currently enabled output port, battery charge status, & external power presence. The OLS1 operates over 60 hours from a typical 9V alkaline battery.

OLS 1-1C
OLS1-2C
OLS1-DUAL

Optical Light Source 660nm-850nm (ST)
Optical Light Source 850nm-1300nm (ST)
Optical Light Source 850nm-1300nm (SC/ST)

\$375.00
\$655.00
\$795.00

**Dual Laser Light Source with Wave ID**

The OLS2-Dual is a handheld, rugged laser source for performing insertion loss measurements on SM fiber optic links when used with a power meter.

The OLS2-Dual features 1310nm & 1550nm LASER output from one output port & offers several modes of operation. When transmitting with Wave ID, the OLS2-Dual supports transmitting pairs of wavelengths in an alternating pattern.

OLS2-DUAL Dual Laser Light Source with Wave ID

\$1535.00

**Triple Wavelength Laser Sources**

The OLS7 from AFL Telecommunications are laser sources designed for performing insertion loss measurements on SM fiber optic links when used with an optical power meter. When paired with an optical fiber identifier, both models may be used for fiber identification. The LASER output is stabilized to ensure accurate test results per current TIA/EIA requirements.

The OLS7 feature a triple wavelength LASER output from a single port and are easy to operate. Each wavelength may be transmitted individually at CW or with user selectable modulated Tone. Also, each wavelength may be transmitted with Wave ID. The OLS7 will also support transmitting pairs of wavelengths in an alternating pattern and triple wavelengths in a sequential pattern. Associated with each operating condition, the LED indicator will illuminate to identify the currently enabled operating mode and emitted wavelength along with battery charge status and external power presence.

OLS7 Triple Wavelength Laser Sources

\$2398.00

**Laser Light Source with Wave ID**

The OLS4 from AFL Telecommunication is a handheld, two-port LED & LASER light source designed for performing insertion loss measurements on MM or SM fiber optic links when used with an optical power meter.

The OLS4 features 850/1300 nm LED output from a MM output port and 1310/1550 nm LASER output from a single-mode output port.

Each wavelength may be transmitted individually at CW or with user selectable modulated Tone (SM output). When transmitting with Wave ID, the OLS4 supports transmitting pairs of wavelengths in an alternating pattern. The designated LED indicator will illuminate to identify the currently enabled operating mode, emitted wavelength along with battery charge status, & external power presence.

OLS4 Laser Light Source with Wave ID

\$2205.00

Optical Power Meters

**Optical Power Meter**

This portable optical power meter may be used to measure optical power (dBm) in premises, telco, or broadband fiber optic networks. When used with an LED or laser light source, the OPM1 can also measure the attenuation (insertion loss) of MM or SM cables.

With only two controls – ON/OFF and wavelength – the OPM1 is our simplest to use optical power meter. Optical power in dBm and the calibration wavelength setting are displayed on an easy-to-read LCD display. The optical input port accepts Noyes thread-on style connector adapter caps.

The OPM1 is fully N.I.S.T. traceable & runs on a standard 9-volt alkaline battery.

Features:

- Premises (Ge) and broadband (InGaAs) models.
- Displays optical power (dBm).
- Our simplest to use optical power meter.

Applications:

- The OPM 1-2C is calibrated at 850, 1300, 1310, and 1550 nm for testing LAN, Ethernet, FDDI, Token Ring, and singlemode fiber systems such as Telco, WAN, and CATV.

OPM1-2C Optical Power Meter

\$425.00

**OPM4 Optical Power Meter with Wave ID & Set Reference**

The OPM4 optical power meter may be used to measure optical power in Premises, Telco, or Broadband fiber optic networks. When used with an LED or Laser light source, the OPM4 also measures insertion loss of MM or SM cables.

The OPM4 offers Wave ID, automatic wavelength identification and switching, when used with the OLS1-Dual, OLS2-Dual, or OLS4. Multiple test Tone detection is provided for fiber identification. The OPM4 stores optical references for each calibrated wavelength. Shows measured power [dBm or μ W] or insertion loss [dB], calibrated wavelengths, tone signal [Hz], wavelength ID, and the battery charge status.

Features:

- MM or SM applications.
- Wave ID - Automatic Wavelength Identification and Switching.
- Passive Optical Networks (PON) Testing.
- 270 Hz, 330 Hz, 1 kHz, and 2 kHz Tone Detection.
- Battery Gauge.
- N.I.S.T Traceable.

Wavelengths

OPM4-1D	(600, 780, 850)	\$515.00
OPM4-2D	(850, 1300, 1310, 1550)	\$560.00
OPM4-3D	(850, 1300, 1310, 1550, 1625)	\$610.00
OPM4-4D	(850, 1310, 1490, 1550, 1625)	\$655.00

**OPM5 Optical Power Meter with Wave ID, Set Reference, & Data Storage**

The OPM5 is a full-featured, handheld optical power meter designed for measuring optical power in Premises, Telco, or Broadband networks and performing insertion loss on MM or SM links.

The OPM5 features automatic wavelength identification and multiple test Tone detection for fiber identification, and stores optical references for each calibrated wavelength and up to 500 records per wavelength of power or insertion loss measurements. Using the supplied Windows® compatible software and USB connection, test records are transferred to a PC for analysis, printing, and storage. Shows measured power [dBm or μ W] or insertion loss, calibrated wavelengths, tone signal, wavelength ID, and estimated remaining battery life.

Features:

- Rugged, handheld, lightweight.
- MM or SM applications.
- Wave ID - Automatic Wavelength Identification and Switching.
- Passive Optical Networks (PON) Testing.
- 270 Hz, 330 Hz, 1 kHz, and 2 kHz Tone Detection.
- Battery Gauge.
- N.I.S.T Traceable.

Wavelengths

OPM5-2D	(850, 1300, 1310, 1550)	\$935.00
OPM5-3D	(850, 1300, 1310, 1550, 1625)	\$1025.00
OPM5-4D	(850, 980, 1310, 1490, 1550, 1625)	\$1120.00



Adapter caps are required for operation of Optical Power Meters and are ordered separately.

Screw-on adapters for the Noyes Optical Power Meters are on page 32.

**OptiFiber® Certifying OTDR**

- Boost productivity with an easy-to-use interface & lightweight design.
- Diagnose fiber cabling issues with integrated ChannelMap™, Auto OTDR and fiber endface inspection.
- Certify fiber using integrated Auto OTDR analysis, automated loss and length measurements and fiber end-face inspection.
- Enhance visibility into premise, campus & metro networks.
- Document fiber with LinkWare data management & report software.

Features	OF-500-M	OF-500-S	OF-500-MS	OF-500-M10	OF-500-MS35	OF-500-MS45
Mainframe	•	•	•	•	•	•
MM Module	•					
SM Module		•				
MM/SM Modules			•			
MM OTDR /OPM/LL Module				•		
MM/SM OTDR /OPM/LL Module					•	
DTX-MFM2/SU & DTX-SFM2/SU modules						•
SmartRemote unit components						•
62.5µm & 50µm launch fibers				•	•	•
SM launch fibers					•	•
Accessories for testing SC & LC				•	•	•
32MB MMC				•	•	•
Battery	•	•	•	•	•	•
USB cable	•	•	•	•	•	Mini-B
AC Adapter	•	•	•	•	•	(2)
LinkWare CD's and manuals	•	•	•	•	•	•
Calibration certificate	•	•	•	•	•	•
MMC reader				•	•	•
200x/400x inspection camera				•	•	•
Carrying case w/strap	•	•	•	soft	hard	hard
Price	\$9265.00	\$10295.00	\$14415.00	\$30595.00	\$31719.00	\$40300.00

Fiber Accessories

NF395	APC/SC Video Probe Adapter Tip	\$183.00
NF360	MT-RJ Video Probe Adapter Tip	\$185.00
NF362	LC video Probe Adapter Tip	\$398.00
NF364	MU Video Probe Adapter Tip	\$472.00
NF366	E2000 Video Probe Adapter Tip	\$584.00
NF300R	Replacement Tip Set for Video Probe Adapter Tips	\$320.00
NF232	Patch cable, simplex, SC-SC, 62.5/125, 0.3 meter	\$101.00
NF234	Patch cable, simplex, SC-SC, 50/125, 0.3 meter	\$101.00
NF236	Patch cable, simplex, SC-SC, SM, 0.3 meter	\$101.00
NFK1-LAUNCH	SC-SC 62.5/125µm launch cable, 100m	\$613.00
NFK2-LAUNCH	SC-SC 50/125µm Launch cable, 100m	\$613.00
NFK3-LAUNCH	SC-SC SM Launch cable, 130m	\$613.00
OFBP-LI	OptiFiber Li-Ion Battery	\$613.00
OFCC-HCASE	OptiFiber Hard Case	\$613.00
NF400	Fiber Accessories Carrying Case	\$52.00
NF-MANDREL-50	MM mandrel for 50/125µm w/3mm jacket red	\$10.00
NF-MANDREL-625	MM mandrel for 62.5/125µm w/3mm jacket gray	\$10.00
NFK1-MANDREL-KIT	MM mandrel kit containing two red and two gray	\$27.00
NFA-SC	2 SC adapters for DTX-xFM2 power meter port	\$201.00
NFA-LC	2 LC adapters for DTX-xFM2 power meter port	\$201.00
NFA-ST	2 ST adapters for DTX-xFM2 power meter port	\$201.00
NFA-FC	FC test adapters, 2	\$201.00
NFK1-DPLX-SC	Duplex MM 62.5µm TRC for SC adapter, 2	\$201.00
NFK1-DPLX-LC	Duplex MM 62.5µm TRC for LC adapter, 2	\$195.00
NFK1-DPLX-ST	Duplex MM 62.5µm TRC for ST adapter, 2	\$201.00
NFK1-DPLX-FC	Duplex MM 62.5µm TRC for FC adapter, 2	\$201.00
NFK2-DPLX-SC	Duplex MM 50µm TRC for SC adapter, 2	\$201.00
NFK2-DPLX-LC	Duplex MM 50µm TRC for LC adapter, 2	\$201.00
NFK2-DPLX-ST	Duplex MM 50µm TRC for ST adapter, 2	\$201.00
NFK2-DPLX-FC	Duplex MM 50µm TRC for FC adapter, 2	\$201.00
NFK3-DPLX-SC	Duplex SM TRC for SC adapter, 2	\$201.00
NFK3-DPLX-LC	Duplex SM TRC for LC adapter, 2	\$201.00
NFK3-DPLX-ST	Duplex SM TRC for ST adapter, 2	\$201.00
NFK3-DPLX-FC	Duplex SM TRC for FC adapter, 2	\$201.00

OTDR's

**M700 Singlemode Compact OTDR**

- LSA Measurements in Expert mode
- Pass/Fail Event and Link Thresholds settings
- OTDR results saved as industry standard (GR-196) .SOR files
- Stores results & displays up to three wavelengths simultaneously
- Large, high bright, sunlight readable, touchscreen

Compact, full featured, single-mode OTDR includes an integrated Visual Fault Locator (VFL), an Optical Power Meter (OPM) displaying up to three wavelengths simultaneously, and a large transfective touch screen display suitable for both indoor and outdoor operation.

The M700 OTDR supports Real-Time, Full-Auto, and Expert modes, precision event analysis, dual-wavelength testing, rich file naming, and an intuitive job set-up functionality. In addition to OTDR event analysis, pass/fail acceptance values, and marginal warning, specific values can be set to alert the test operator of failing or marginal events. Using one of the Least Squares Approximation (LSA) loss methods, events may be added or deleted manually.

M700-20U-01	M700 OTDR, SM 1310/1550nm, Soft case	\$7500.00
M700-21U-01	M700 OTDR, SM, 1310/1550/1625nm, Soft case	\$9879.00

Contains:

- M700 SM OTDR
- OTDR trace analysis/OPM loss
- Reporting software
- AC adapter & USB drive
- 1.25/2.5mm VFL/OPM
- Universal adapters
- SC/FC/LC OTDR adapter
- Soft case

General M700 Specifications

Emitter Type	Laser
Safety Class	Class 1 FDA 21 CFR 1040.0 & 1040.11
Center Wavelengths	1310/1550nm
Dynamic Range (SNR=1)	38/36dB (1310/1550nm)
Event Dead Zone	0.9m
Attenuation Dead Zone	5.5m
Pulse Widths	5, 10, 30, 100, 300ns, 1, 3, 10, 20µs
Distance Sampling Points	Max. 64,000 points
Data Point Spacing	0.125m, 0.25m, 0.5m, range/# of data points
Range Settings	250m to 256km
Group Index of Refraction	1.4000 to 1.6000
Distance Uncertainty	(1+0.005% x distance = data point spacing)
Trace File Format	Bellcore GR-196 Version 1.1
Trace File Storage Media	Internal flash memory, USB flash drive, downloadable from OTDR directly to PC
Trace File Storage Capacity	Internal 1000 fibers
OTDR Modes	Full Auto, Real Time, Expert
Tool Free Adapters	Modular cleanable SC/ST/FC/LC

OTDRs

**M200 Handheld OTDR**

The Noyes M200 offers unmatched OTDR capabilities in a handheld package weighing less than 1 kg (2 lb). Multimode, Single-mode, and 'Quad' wavelength models are offered. With short dead zone and intermediate range specifications, the M200 is ideal for Tier 2 testing of premises (building and campus) networks or certification and troubleshooting of FTTX PON networks. And its bright, transfective display makes it suitable for both indoor and outdoor operation.

The M200 is based on a new hardware/software platform that supports automatic and manual setup, precision event analysis, dual-wavelength testing, rich file naming and folder setup, 6- hour battery life, internal and removable media data storage, and USB connectivity. Test ports are equipped with tool-free adapters, which can be changed in seconds. A custom-designed polycarbonate case and shock-absorbing boot make it our most rugged OTDR ever. Results are saved as industry standard .SOR files, which can be viewed, printed, and analyzed on a PC using free-ware available to you and your customers. Unit firmware, user settings, and test results are saved in non-volatile memory. Thus the M200 may be stored with battery removed for an extended period of time and still be up and running in seconds when needed.

New Feature: By using a standard USB Flash Drive to transfer traces, the user no longer needs a USB Cable, ActiveSync or a Compact Flash reader. Thousands of files will fit on a 64 MB.

M200-K-QUAD	850/1300nm Multimode & 1310/1550nm Singlemode OTDR	\$7935.00
M200-K-SM	1310/1550nm Singlemode OTDR	\$5290.00
M200-K-MM	850/1300nm Multimode OTDR	\$5555.00

Features:

- Handheld, 0.9kg (2lbs)
- 22dB(MM), 26dB(SM) dynamic range
- Integrated VFL (650mm)
- Tool-free, switchable adapters
- Transfective (indoor/outdoor) touchscreen display
- USB Host and Function ports

Applications:

- Tier 2 testing of premises networks
- FTTX PON certification and troubleshooting
- Fast fault location
- Splice verification
- Network Documentation

General M200 Handheld OTDR Specifications

	Multimode	Singlemode
Emitter Type	Laser	
Safety Class	Class I FDA 21 CFR 1040.10 & 1040.11 IEC EN60825-1:2007-03	
Center Wavelengths	850/1300nm	1310/1550nm
Wavelength Tolerance	+ 20/+30nm	+ 20/+30nm
Dynamic Range (SNR=1)	22dB	26dB
Event Dead Zone	1.5m	1.5m
Attenuations Dead Zone	9m	9m
Pulse Widths	10, 30, 100, 300ns, 1, 3µm	10, 30, 100, 300ns, 1, 3, 10µm
Range Settings	250m to 32km	250m to 208km
Data Points	Up to 16,000	Up to 16,000
Data Point Spacing	0.25m (range ≤ 4km) Range/16000 (range ≥ 8km)	
Group Index of Refraction	1.4000 to 1.6000	
Distance Uncertainty	± (1+0.005% x distance + data point spacing)	
Trace File Format	Bellcore GR-196	
Trace File Storage Medium	thousands on compact flash or USB flash drive	
Trace File Storage Capacity	> 100 internal; thousands on compact flash or USB drive	
Trace File Transfer to PC	USB flash drive type 1.1, Compact flash or mini usb cable with ActiveSync	

Rack Mount Interconnect Center



RIC3 enclosures are designed for enhanced fiber management & ease of use. They are compatible with an array of Siemon fiber Quick-Pack adapter plates for your choice of fiber adapters & port density.



Height: 86.6mm (3.41")
Width: 432mm (17.00")
Depth: 380mm (14.95")



Height: 86.6mm (3.41")
Width: 432mm (17.00")
Depth: 380mm (14.95")

RIC3-24-01 24-96-port rack mount interconnect center, 2 RMS

\$245.00

RIC3-36-01 36-144-port rack mount interconnect, 2 RMS

\$260.00



Height: 133mm (5.25")
Width: 432mm (17.00")
Depth: 380mm (14.95")

RIC3-48-01 48-192-port rack mount interconnect center, 3 RMS

\$275.00



Height: 178mm (7.00")
Width: 432mm (17.00")
Depth: 380mm (14.95")

RIC3-72-01 72-288-port rack mount interconnect, 4 RMS

\$290.00

Note: 1 RMS = 44.5mm (1.75")

Note: All RIC products include laser-printable labels, cable ties, rack-mounting hardware, and pre-installed fiber management clips

Wall Mount Interconnect Center



24-96-port wall mount interconnect center with integrated jumper guard, black. Includes: dual-level fiber managers, port designation labels and removable pocket, dust-proofing grommets, strain relief hardware, cable ties, and mounting hardware.

H: 12.25" W: 16" D: 3.25"

SWIC3G-(X)(X)-01 Wall mount interconnect center with integrated jumped guard, black

\$125.00

1st (X) for type of lock on the enclosure (left) door: A = key lock, C = thumb-turn latch
2nd (X) for type of lock on the guard (right) door: A = key lock, C = thumb-turn latch



24 to 96 wall mount interconnect center, black. Includes: dual level fiber managers, port designation labels and removable pocket, dust-proofing grommets, strain relief hardware, cable ties, and mounting hardware.

H: 12.25" W: 12.25" D: 3.25"

SWIC3-(X)-01 Wall mount interconnect center, black

\$98.25

Use (X) to specify type of lock on the enclosure: A = Key lock, C = thumb-turn latch

Flat Quick-Pack™ Adapter Plates

Quick-Pack adapter plates feature a patent pending integrated latch, which provides single-finger access to fiber even in fully populated enclosures. Choose from our wide variety of singlemode and multimode plate options.

Each adapter plate with icon pockets include red, blue, black, and clear icons with paper labels. All SC and ST adapters are "universal" to support multimode and singlemode



RIC-F-SC6-01 **RIC-F-SC8-01** **RIC-F-SC12-01** **RIC-F-SA6-01** **RIC-F-SA8-01**



RIC-F-SA12-01* **RIC-F-LC12-01** **RIC-F-LC16-01** **RIC-F-LC24-01** **RIC-F-MT12-01**



RIC-F-MT16-01 **RIC-F-MT24-01** **RIC-F-FC6-01** **RIC-BLNK-01**

RIC-F-SC6-01	3 duplex SC adapters (6 fibers)	\$35.00
RIC-F-SC12-01	6 duplex SC adapters (12 fibers)	\$73.30
RIC-F-SA6-01	3 duplex ST adapters (6 fibers)	\$27.05
RIC-F-SA8-01	4 duplex ST adapters (8 fibers)	\$34.65
RIC-F-SA12-01*	6 duplex ST adapters (12 fibers)	\$55.60
RIC-F-LC12-01	6 duplex LC adapters (12 fibers), beige adapters	\$65.90
RIC-F-LC16-01	4 quad LC adapters (16 fibers) beige adapters	\$95.30
RIC-F-LC24-01	6 quad LC adapters (24 fibers), beige adapters	\$130.00
RIC-F-LC24-01	12 duplex LC adapters (24 fibers), blue adapters (not shown)	\$175.00
RIC-F-FC6-01	6 FC adapters (6 fibers)	\$71.25
RIC-F-BLNK-01	Blank adapter plate	\$2.80

*Only recommended for push-pull design connectors due to access constraints

Rack Mount Fiber Panel



Siemon fiber connect panels (FCP3-DWR & FCP3-RACK) economically connect, protect, and manage up to 72 fibers within one Rack mount space. It accepts Siemon's Quick-Pack adapter plates with patented single-finger access. The FCP3-DWR makes access to the connections easy via a tray that slides out the front or rear.

FCP3-DWR Includes: mounting brackets, housing, fiber managers, grommet, label holders, and labels

FCP2-RACK Includes: mounting brackets, housing, fiber managers, and grommets

FCP3-DWR 6-72-port fiber connect panel with sliding tray **\$165.00**
FCP3-RACK 6-72-port fiber connect panel with fixed tray **\$72.65**

Splice Trays



These aluminum trays can be ordered with either fusion, mechanical or fusion with sleeve splice holders and come with a clear, snap-on polycarbonate cover. The standard tray holds up to 24 splices. For tight areas, a mini-tray is available which accommodates up to 12 splices. Trays can be stacked for high-density applications. The splice trays are compatible with RIC, SWIC, FCP and CT-FMT fiber enclosures.

Standard tray	Mini tray	Mass/Ribbon Tray
H: 4.07" W: 11.75" D: 0.32"	H: 4.07" W: 7.06" D: 0.32"	H: 4.07" W: 7.06" D: 0.32"

TRAY-3 Tray for up to 24 splices w/sleeve protection **\$46.98**
TRAY-M-3 Tray for up to 12 splices w/sleeve protection **\$42.80**

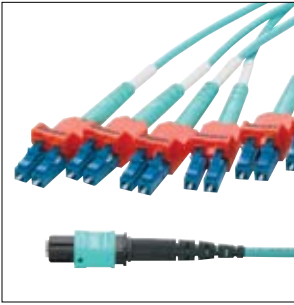


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Secure Keyed LC Fiber System

LEVITON



Leviton's Secure Keyed LC Fiber System prevents unauthorized and inadvertent changes in highly sensitive government applications such as data centers, telecommunications rooms, workstation areas, and secure IT networks, creating an ideal "lock-in" system. Once connected to a port, the patent pending locking design prevents removal by hand, and the connector can only be removed with a keyed color extraction tool. 8 keyed colors are available. The system is made up of patch cords, trunks, harnesses, port protection plugs, extraction tools, and QuickPort® fiber adapters, and works with any industry compliant LC duplex or quad adapter.

The Secure Keyed LC System is designed specifically for mission critical circuits where networks are segregated by color for identification and protected from accidental moves, adds, or changes — typical requirements in government networks like SIPRNet and JWICS. The system is also ideal for commercial data centers, municipalities, education networks, co-location spaces, and financial sector markets.

Extraction Tools allow for easy cable assembly removal, even from high density panels and enclosures. For removal, extraction tools must be the same keyed color as the connector.

- Patent-pending design prevents unauthorized and inadvertent MACs
- Plug into any industry compliant LC adapter or interface, unlike traditional Keyed LC solutions
- Most cost-effective solution for retrofitting networks and new builds for improved security
- Choose from eight unique keyed colors to segregate and secure networks
- Extraction tools allow for easy connector removal from adapter plates and wallplates
- Port protection plugs enable unused LC ports to be locked
- Outside body of QuickPort Fiber connectors match keyed color, while adapter designates fiber type for better visibility and identification
- Made in the United States

3XDKK-M01	10GB PVC 1M LC-LC KEYED	\$48.90
3XDKK-M02	10GB PVC 2M LC-LC KEYED	\$50.75
3XDKK-M03	10GB PVC 3M LC-LC KEYED	\$52.60
3XDKK-M05	10GB PVC 5M LC-LC KEYED	\$56.35
3XDKK-M10	10GB PVC 10M LC-LC KEYED	\$65.65
3XDKL-M01	10GB PVC 1M LC-LC KEYED TO NO KEYED LC	\$48.90
3XDKL-M02	10GB PVC 2M LC-LC KEYED TO NO KEYED LC	\$50.75
3XDKL-M03	10GB PVC 3M LC-LC KEYED TO NO KEYED LC	\$52.60
3XDKL-M05	10GB PVC 5M LC-LC KEYED TO NO KEYED LC	\$56.30
3XDKL-M10	10GB PVC 10M LC-LC KEYED TO NO KEYED LC	\$65.60
3XDKC-M01	10GB PVC 1M LC KEYED TO SC	\$39.50
3XDKC-M02	10GB PVC 2M LC KEYED TO SC	\$41.35
3XDKC-M03	10GB PVC 3M LC KEYED TO SC	\$43.20
3XDKC-M05	10GB PVC 5M LC KEYED TO SC	\$46.95
3XDKC-M10	10GB PVC 10M LC KEYED TO SC	\$56.25

Cable Assembly Removal



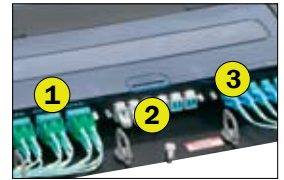
- Extraction tools with the same keyed color as the LC connectors can remove cable assemblies
- Extraction tool features easy push-and-pull motion to remove connectors, even in high density adapter plates
- Dust cap must be inserted onto connector in order to remove extraction tool from connector. This protects fiber and ensures good fiber practices

Work Area Application



- Use port protection plugs to protect and identify unused ports
- QuickPort LC in keyed colors allows for greater visibility and easy network identification

Rack/Cabinet Mount Application



- Adapter plates in 3 configurations:
 1. Quad
 2. QuickPort
 3. Duplex
- Secure Keyed LC system works with Opt-X® Adapter Plates
- QuickPort® LC Connectors in keyed colors allow for more visibility when identifying the network

X = Color: Blue (L), Orange (O), Green (V), Slate (G), White (W), Red (R), Black (E), Yellow (Y)

*Other sizes and configurations are available upon request

Secure LC Locking Port Protection Plugs



Secure LC Locking Port Protection Plugs. The plugs lock and protect unused LC ports from the unauthorized insertion of a cable assembly or connector. Only those operators with an authorized extraction tool can open a port. In addition, custom Dust Caps protect connectors upon removal from a port, promoting good fiber discipline.

- Use port protection plugs to protect and identify unused ports
- QuickPort LC in keyed colors allows for greater visibility and easy identification



PPRTN-XLG
ETRRTN-XTL
DUSTK-CAP

Port Protection Plug w/Dust Cap
Extraction Tool w/Dust Cap
Dust Cap (Bag of 10)

\$12.75
\$13.25
\$26.65

X = Color: White (W), Yellow (Y), Orange (O), Red (R), Blue (L), Green (V), Grey (G), Black (B)

Fiber Optic Enclosures



- 18-gauge steel construction

Part #	Rack Space	Adapter Capacity	
5R1UA-A03	1RU	3	\$110.00
5R2UA-A06	2RU	6	\$125.00
5R3UA-A12	3RU	12	\$197.00

Fiber Wall Mount Enclosures



- Fiber management rings easily attach to mounting studs
- Cutout allows access to bulkhead when doors are open
- Constructed of 16-gauge steel, powder-coated black

Part #	5W110-00N	5W310-00N	5W710-00N
Adapter Plates	2 Plates	4 Plates	12 Plates
6-Pack ST	12 Fibers	24 Fibers	72 Fibers
8-Pack ST	16 Fibers	32 Fibers	96 Fibers
3-Pack Duplex SC	12 Fibers	24 Fibers	72 Fibers
6-Pack Duplex SC	24 Fibers	48 Fibers	144 Fibers
6-Pack Duplex LC	24 Fibers	48 Fibers	144 Fibers
6-Pack Quad LC	48 Fibers	96 Fibers	288 Fibers
Price	\$73.20	\$99.85	\$210.00

Fiber Optic Adapter Plates

LEVITON



ST Adapters

SC Adapters

LC Adapters

- Design works with Leviton's Exclusive Opt-X Series, including the new advanced Opt-X Ultra®, as well as Opt-X 500, and Opt-X 250 Enclosures
- Using Opt-x style plates allows use of up to 12 plates in a 3RU enclosure
- Captive push/pull fastener allow tool-free installation & removal
- Fits Opt-X rackmount, wallmount enclosures, & VertiGO® panels

* Laser Optimized

5F100-1ST	6-Pack ST MM 6-Fiber, Phosphor Bronze Sleeve	\$26.65
5F100-6ZT	6-Pack ST SM 6-Fiber, Zirconia Ceramic Sleeve	\$38.55
5F100-8ST	8-Pack ST MM 8-Fiber, Phosphor Bronze Sleeve	\$32.60
5F100-8ZT	8-Pack ST SM 8-Fiber, Zirconia Ceramic Sleeve	\$47.15
5F100-3BC	3-Pack Duplex SC MM 6-Fiber, Beige, Phosphor Bronze	\$30.00
5F100-3CA	3-Pack Duplex SC SM 6-Fiber, Green, Zirconia Ceramic	\$34.25
5F100-3ZC	3-Pack Duplex SC SM 6-Fiber, Blue, Zirconia Ceramic	\$34.25
5F100-3AC*	3-Pack Duplex SC MM 6-Fiber, Aqua, Zirconia Ceramic	\$34.25
5F100-6BC	6-Pack Duplex SC MM 12-Fiber Beige, Phosphor Bronze	\$51.45
5F100-6AC*	6-Pack Duplex SC MM 12-Fiber, Aqua, Zirconia Ceramic	\$56.55
5F100-6ZC	6-Pack Duplex SC SM 12-Fiber, Blue, Zirconia Ceramic	\$56.55
5F100-6CA	6-Pack Duplex SC SM 12-Fiber, Green, Zirconia Ceramic	\$56.55
5F100-12P	6-Pack Duplex LC MM 12-Fiber, Beige, Phosphor Bronze	\$55.60
5F100-12Z	6-Pack Duplex LC SM 12-Fiber, Blue, Zirconia Ceramic	\$55.75
5F100-12V	6-Pack Duplex LC SM 12-Fiber, Green, Zirconia Ceramic	\$55.75
5F100-12A*	6-Pack Duplex LC MM 12-Fiber, Aqua, Zirconia Ceramic	\$55.75
5F100-24P	6-Pack Quad LC MM 24-Fiber, Beige, Phosphor Bronze	\$100.95
5F100-24Z	6-Pack Quad LC SM 24-Fiber, Blue, Zirconia Ceramic	\$100.95
5F100-24A*	6-Pack Quad LC MM 24-Fiber, Aqua, Zirconia Ceramic	\$100.95
5F100-6MP	MTP MM (72-Fiber)	\$91.65
5F100-BPP	Blank Plate, Plastic	\$4.15
5F100-BLK	Blank Plate, Metal	\$6.65
5F100-6QP	QuickPort®, Empty	\$9.95

Cable IQ Qualification Tester

CableIQ is the first qualification tool designed for network technicians who need to troubleshoot connectivity problems and qualify cabling bandwidth. It sees if your cabling is qualified to support 10/100, VoIP or Gigabit Ethernet. Detects speed/duplex settings of attached switches and PCs. Intelligent wiremap graphically shows distance to faults. Intuitive, lightweight, and rugged.

- Sees if your existing cabling can support voice, VoIP, 10/100/Gigabit Ethernet
- Troubleshoots why existing cabling plant can't support the desired network bandwidth
- Discovers what's at the end of any cable and switch displays device configuration (speed/duplex/pairing)
- Frees-up switch ports and identifies unused links
- Graphically maps wiring configuration and shows distance to faults with Intelligent Wiremap
- Tests all copper cabling media: twisted-pair, coax, and audio cabling
- Locates and traces cable with IntelliTone™ digital signaling technology

CIQ-VOIP	VoIP Enterprise Service Kit	\$3995.00
CIQ-GSV	CableIQ Gigabit Service Kit	\$2295.00
CIQ-SVC	CableIQ Service Kit	\$2125.00
CIQ-KIT	CableIQ Advanced IT Kit	\$1750.00
CIQ-FTKSFP	Copper and Fiber Technician's Kit	\$3528.00
CIQ-100	CableIQ Qualification Tester	\$1095.00

Accessories for the CableIQ Qualification Tester

CIQ-CIT	CableIQ IT Hard Carrying Case	\$83.00
CIQ-COAX	CableIQ Coax Adapter Kit includes F-connector, BNC and RCA connectors	\$21.00
CIQ-IDK24	CableIQ Remote Identifier Kit includes remote identifier numbers 2-4	\$245.00
CIQ-IDK57	CableIQ Remote Identifier Kit includes remote identifier numbers 5-7	\$245.00
CIQ-RJA	RJ45/11 Modular Adapter	\$48.00
CIQ-SPKR	CableIQ Speaker Wire Adapter	\$41.21
CIQ-WM	CableIQ Main Wiremap Adapter (replacement part for lost or damaged unit)	\$104.00
CLIP-SET	Clip Set includes RJ45 to 8-clip test lead	\$48.00
MT-8200-53A	IntelliTone 100 Probe Includes: IntelliTone 100 Probe, lanyard, owners CD and quick start guide, and 9 volt battery	\$95.00
MT-8200-63A	IntelliTone 200 Probe Includes: IntelliTone 200 Probe, RJ11 and RJ 45 patch cables, lanyard, owners CD and quick start guide, and 9 volt battery	\$125.00

Support

GLD-CIQ	Gold Support for CableIQ (any model), 1 year	\$140.00
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CIQ-KIT



CIQ-SVC



CIQ-GSV



CIQ-VOIP



CIQ-FTKSFP

AirCheck WiFi Tester

AirCheck allows users to quickly verify and troubleshoot 802.11 a/b/g/n network availability, connectivity, and security all in a dedicated, handheld tool. Its intuitive interface allows you to quickly see wireless network usage and easily determine if it's Wi-Fi traffic or non-Wi-Fi interference, plus identify and locate wireless APs whether authorized or rogue.

- Dedicated, handheld 802.11 a/b/g/n tester with instant-on technology
- Fully supports 2.4 and 5.0GHz frequency bands
- Rapidly perform a Wi-Fi discovery to fully assess your current wireless security settings & network availability
- See what's using your Wi-Fi network by channel & determine if it is 802.11 traffic or non-802.11 interference.
- Robust and in-depth WLAN connection tests - from probing to DHCP request to ping
- Quickly identify and locate access points whether authorized or rogue
- Fully documents your troubleshooting session - enabling fast trouble ticket resolution or problem escalation

AIRCHECK: Includes: AirCheck, USB cable, soft case, guide, & CD w/AirCheck manager software & manual

ACK-LRPRO Including: AirCheck, External directional antenna, Extra Lithium Ion battery, USB cable, carrying case, guide, & CD w/AirCheck manager software & manual, LinkRunner Pro, & PoE Detector.

AIRCHECK	AirCheck Wi-Fi Tester	\$1925.00
ACK-LRPRO	AirCheck Frontline Troubleshooting Kit with LRPRO	\$2995.00
ES2-PRO-SX/I-ACK	EtherScope S2 LAN WLAN SX Fiber ITO + AirCheck	\$10295.00
ES2-PRO-SXI-LR-ACK	EtherScope S2 LAN WLAN SC Fiber ITO + LRPRO + AirCheck-Kit	\$12495.00
AIRCHECK/GLDES	AirCheck Wi-Fi Tester for EtherScope Gold Owners	\$1495.00

Accessories for the AirCheck Wi-Fi Tester

EXTANT-RPSMA	External Directional Antenna, RSMA Connector	\$195.00
WBP-LION	AirCheck Lithium Ion Replacement Battery	\$245.00
POE-DETECTOR	Power over Ethernet Detector, 802.3AT	\$75.00
MS-AUTO-CH	Auto Charger	\$49.00
DTX-ACUN	AC Charger, Universal	\$52.00

Support

GLD-ACK	AirCheck Gold Support Services 1 yr	\$250.00
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ACK-LRPRO



ES2-PRO-SX/I-ACK



ES2-PRO-SXI-LR-ACK

LinkRunner Series



The LinkRunner quickly verify and troubleshoot network drops with the essential personal tool.. View link, speed, duplex, cable length, switch port, PC NIC response & ping key devices. The LinkRunner Pro & Duo are the first frontline tools to establish links at Gigabit speeds. That means technicians have the power to troubleshoot Gigabit link problems before they're escalated. Use LinkRunner Pro for Copper & LinkRunner Pro Duo for both Copper and Fiber.

- **LRPRO-1000 Includes:** LinkRunner Pro, WireView cable ID #1, LinkRunner connect software CD, USB cable, guide (English, Spanish, French, German, Portuguese, Japanese, Simplified Chinese), (4) AA batteries.
- **LRPRO-KIT Includes:** LinkRunner Pro, IntelliTone Pro 200 Probe, WireView cable IDs #1-6, Clip-set RJ45 to 8 alligator clip bare wire adapter, LinkRunner connect software CD, soft pouch, USB cable, LinkRunner Pro guide, IntelliTone Pro guide, (4) AA batteries, 9V battery, deluxe carry case.
- **CIQ-GSV Includes:** CableIQ Qualification Tester, LinkRunner Pro Multimeter, IntelliTone Pro 200 Probe, CableIQ remote identifiers #1-7, WireView cable ID #1, CableIQ reporter software CD, RJ45-RJ45 shielded patch cords (2), USB cable, coax "F" push-on cable, RJ45/RJ11 universal coupler, USB cable, soft pouch, CableIQ guide, LinkRunner Pro guide, IntelliTone Pro guide, (8) AA batteries, 9V battery, deluxe carry case.
- **LRDUO Includes:** LinkRunner Duo, Wireview cable ID #1, LinkRunner connect software CD, USB cable, RJ45 coupler, LinkRunner Duo getting started guide, (4) AA batteries.
- **LRDUO-CE Includes:** LinkRunner Duo, Reflector option, Lithium ion battery pack & AC charger, LinkRunner connect software CD, USB cable, Getting started guide, AA battery pack and four AA batteries.
- **LRDUO-FTK Includes:** LRDUO, SimpliFiber Pro power meter, 850/1300 MM source, VisiFault VFL, FT120 FiberViewer, FindFiber remote ID source, & case; SC, ST, & LC power meter adapters.

LINKRUNNER	LinkRunner	\$495.00
LINKRUNNER KIT	LinkRunner Kit	\$995.00
LRPRO-1000	LinkRunner Pro Network Multimeter	\$999.00
LRPRO-REFLECT	LinkRunner Pro Reflector	\$1195.00
LRPRO-KIT	LinkRunner Pro Extended Test Kit	\$1499.00
LRDUO	LinkRunner Duo	\$1495.00
LRDUO-CE	LinkRunner Duo Kit	\$1895.00
LRDUO-FTK	LinkRunner Duo Copper/Fiber Kit	\$3745.00

Accessories for the LinkRunner Pro & Duo Multimeters

MS-SX	SX Gig Fiber DMM SFP transceiver (required for fiber testing)	\$199.00
MS-LX	LX Gig Fiber DMM SFP transceiver (required for fiber testing)	\$395.00
ES2-ZX	ZX Gig Fiber DMM SFP transceiver (required for fiber testing)	\$2295.00
LRPRO-LION	Lithium-Ion Battery Pack for LinkRunner Pro with AC adapter	\$199.00
WIREVIEW-1	Replacement for WireView Cable ID #1	\$63.00
WIREVIEW 2-6	WireView Cable IDs #2-6	\$315.00
CIQ-RJA	RJ45/11 Modular Adapter	\$48.00
MT-8200-63A	IntelliTone 200 Probe Includes: IntelliTone 200 Probe, RJ11 & RJ45 Patch Cables, Lanyard, Owners CD & Quick Start Guide, & 9V Battery	\$125.00
Options		
LRPRO-REFLECT-OPT	Reflector option for LinkRunner Pro or Duo	\$199.00
Support		
GLD-LR	Cover the LinkRunner (any model), 1 Year	\$149.00

NetTool II Inline Network Tester



Isolate & document network device & application connectivity issues in seconds. See connectivity to key network devices & services w/NetProve diagnostics - the fastest way to isolate the source of the problem - whether the cause is the LAN, WAN, firewall, server or application. Get inline visibility into 10/100/Gig links to see actual traffic between switches, PCs, IP phones & other devices. Quickly diagnose IP phone problems & measure key call quality metrics. Verify the readiness of PoE systems & troubleshoot PoE device problems. Speed cable & fault location on active networks with IntelliTone digital technology.

NTS2-NSKIT	NetTool Series II Network Service Kit	\$3595.00
NTS2-VOIP	NetTool Series II Pro VoIP	\$3065.00
NTS2-PRO	NetTool Series II Pro	\$2495.00
NT-VOIP	NetTool 10/100 Pro VoIP	\$2095.00
NT-PRO	NetTool 10/100 Pro	\$1595.00
NT	NetTool 10/100	\$1095.00

Accessories for the NetTool™ Series Testers

NT-AC-ADAPT	NetTool AC Power Adapter for NT 10/100	\$29.00
NT-HOLSTER	Holster for NT 10/100	\$28.00
NT-BATT-CHG	NiMH battery charger for NT 10/100 and LinkRunner Network Multimeter	\$65.00
BATT-AA-NIMH	Rechargeable NiMH battery set (4) for all NT models	\$18.55
DTX-ACUN	AC universal adapter for DTX, NTS2, ES, ES2	\$52.00
WIREVIEW 1	WireView WireMapper #1 for NTS2, ES, ES2 and OPV INA	\$63.00
WIREVIEW 2-6	WireView WireMappers #2-6 for NTS2, ES, ES2 and OPV INA	\$315.00
NTS2-POWERPACK	AC adapter and NiMH battery set for NT Series II	\$59.00
DTX-USB	USB mini-B cable for NT Series II	\$29.00
NT-SERIAL	Serial cable for NT 10/100	\$11.00
MT-8200-63A	IntelliTone 200 Probe Includes: IntelliTone 200 Probe, RJ11 and RJ 45 patch cables, lanyard, owners CD and quick start guide, and 9 volt battery	\$125.00
Support		
GLD-NT	NetTool Gold Priority Support	\$257.00

Category 6 Cable Analyzers are Three times faster than existing testers with 9-second Cat 6 Autotest.

It all starts with 9-second Cat 6 Auto test that means you can meet TIA-568-B certification requirements and receive structured cabling warranties much faster than ever before. With all this speed also comes increased accuracy. The DTX is the only independently verified TIA Accuracy Level IV tester to obtain UL accuracy classification. And, you'll be prepared for emerging new cabling technologies such as 10Gig Ethernet thanks to DTX's 900MHz frequency range. You're ready for whatever the world throws at you - today and tomorrow.

- Exceeds spec requirements for Cat 5e/6 and Class E/D/F
- Independently verified by UL to meet ISO Level IV and proposed TIA Level IIIe Accuracy requirements
- Advanced time-saving diagnostics pinpoints fault and suggests corrective actions
- 900MHz future-proofs your investment for future applications such as 10 Gigabit Ethernet, Class F and CATV
- Resident fiber modules lets you switch between copper and fiber with the push of a button
- DTX significantly reduces total certification costs by as much as 33% a year

Advanced Diagnostics

The directions not only tell you the problem, but also identify corrective actions your test technicians can take to solve the problem quickly — all without having to consult with the project manager. Instead of spending time executing trial and error corrections — and re-testing to find out whether the problem has been resolved — the technician knows exactly where to look and what to do to fix the failing link.

Level IV Accuracy

Until now, testers have been designed to meet accuracy Level III. The more demanding accuracy Level IV specification has been proposed in ISO/IEC (international standards) to test Class F links to 600 MHz. DTX testers exceed this specification, assuring you of higher confidence in results over the full frequency range.



All DTX-1800 & DTX-1200 CableAnalyzers Include:

- LinkWare PC Software
- CAT 6A Permanent Link Adapters (2)
- Cat 6/Class E Channel Adapter (2)
- Headsets (2)
- AC Chargers (2)
- Carrying Case
- USB Interface Cable (Mini-B)
- Users Manual

DTX-1800	DTX-1800 CableAnalyzer	\$9388.00
DTX-1200	DTX-1200 CableAnalyzer	\$8516.00
DTX-1800-MS	DTX-1800 w/MM & SM Modules	\$19658.00
DTX-1800-M	DTX-1800 w/MM Fiber Modules	\$13339.00
DTX-1800-MSO	DTX-1800 Copper/Fiber/OTDR Kit	\$33207.00
DTX-QUAD-OTDR	DTX-1800 Compact OTDR Kit	\$13920.00
DTX-1200-M	DTX-1200 w/MM Fiber Modules	\$12535.00
DTX-1200-MS	DTX-1200 w/MM & SM Modules	\$15850.00

Features	DTX-1800	DTX-1200	DTX-1800-MS	DTX-1800-M	DTX-1800-MSO	DTX-QUAD-OTDR	DTX-1200-M	DTX-1200-MS
DTX-1800	•		•	•	•	•		
DTX-1200		•					•	•
Smart Remote	•	•	•	•	•	•	•	•
DTX-MFM2 MM Fiber Modules			•	•	•			
DTX-SFM2 SM Fiber Modules				•	•			•
DTX Compact OTDR Module					•	•		
Launch Fibers					•			
Fiber Inspector Mini					•			
Fiber Optic Cleaning Kit					•			
128MB MMC Card	•		•	•	•	•		
Serial RS-232 Cable	•		•	•	•	•		

Accessories for DTX CableAnalyzer Series

DTX-HCSE	Hard Carrying Case - DTX Series	\$664.00
DTX-TSET	Headset for DSP and DTX Cable Analyzers	\$29.00
DTX-ACUN	AC Charger, Universal	\$52.00
DTX-ACNA	AC Charger, North America	\$31.00
DTX-CASE	Standard Carrying Case-DTX Series	\$206.00
DTX-STRP	DTX Carrying Strap	\$18.00
DTX-USB	USB Interface Cable (Mini-B)	\$29.00
DTX-SER	Serial RS-232 Cable (DB-9 to IEEE 1394)	\$31.00
DTX-LION	Lithium Ion Battery Pack	\$288.00

Fiber Modules and Accessories (Continued)

NFK3-LAUNCH-ST	SC/ST LAUNCH FIBER SM	\$613.00
NFK2-LAUNCH-E2K	SC/E2000 LAUNCH FIBER 50µm	\$613.00
NFK2-LAUNCH-FC	SC/FC LAUNCH FIBER 50µm	\$613.00
NFK2-LAUNCH-LC	SC/LC LAUNCH FIBER 50µm	\$613.00
NFK2-LAUNCH-ST	SC/ST LAUNCH FIBER 50µm	\$613.00
NFK2-LAUNCH-SC	SC/SC LAUNCH FIBER 50µm	\$613.00
NFK1-LAUNCH-FC	SC/FC LAUNCH FIBER 62.5µm	\$613.00
NFK1-LAUNCH-LC	SC/LC LAUNCH FIBER 62.5µm	\$613.00
NFK1-LAUNCH-ST	SC/ST LAUNCH FIBER 62.5µm	\$613.00
NFK1-LAUNCH	SC/SC LAUNCH FIBER 62.5µm	\$613.00
DTX-MFM2	MM Fiber Modules - Includes (2) modules	\$4795.00
DTX-GFM2	DTX Gigabit Multimode Fiber Modules	\$5480.00
DTX-SFM2	SM Fiber Modules - Includes two modules	\$6685.00
NFA-SC	(2) SC Adapters for DTX-xFM2 power meter	\$201.00
NFA-LC	(2) LC Adapters for DTX-xFM2 power meter	\$201.00
NFA-ST	(2) ST Adapters for DTX-xFM2 power meter	\$201.00
NFA-FC	FC Test Adapters, Set of two	\$201.00
NFK1-DPLX-SC	Duplex MM 62.5 µm TRC for SC Adapter, (2)	\$201.00
NFK1-DPLX-LC	Duplex MM 62.5 µm TRC for LC Adapter, (2)	\$201.00
NFK1-DPLX-ST	Duplex MM 62.5 µm TRC for ST Adapter, (2)	\$201.00

Copper Adapter and Accessories

DTX-10GKIT	Alien Crosstalk Analyzer Kit for DTX-1800: (2) modules, Windows AxTalk Analyzer™ Software, 2 Cat 6A/Class EA Permanent Link Adapters, two Channel Adapters for Alien Crosstalk.	\$2591.00
DTX-AXKIT	Alien Crosstalk Analyzer Kit for DTX-1800: (2) modules, Windows AxTalk Software, (2) Terminators (Common & Differential) & 2 8-pin Couplers.	\$1540.00
DTX-NSM	The DTX Network Module	\$1123.00
DTX-COAX	DTX Coax Cable Test Adapter (2 adapters included)	\$644.00
DSP-PCI-C6JACK	Replacement Cat 6 Jacks for the DSP-PCI-C6 Patch Cord Adapter, set of 10	\$835.00
DTX-PLA002S	Set of 2 Permanent Link Adapters for Cat6A and Alien Crosstalk testing.	\$860.00
DTX-PLA002	One Permanent Link Adapter for Cat 6A and Alien Cross Talk testing.	\$427.00
DTX-PLCAL	Permanent Link Adapter Field Calibration module.	\$211.00
DTX-PLA002PRP	DTX-PLA002 plug replacement parts.	\$67.00
DTX-PLA001S	Set of 2 Permanent Link Adapters with PM06 Personality Modules.	\$819.00
DTX-PLA001	Permanent Link Adapter	\$376.00
DTX-TERA	TERA Adapter Kit - Channel Adapters (2) & Permanent Link Adapters (2)	\$1164.00
DTX-PLA011	TERA Permanent Link Adapter for TERA Class F and Fa Systems.	\$438.00
DTX-CHA011	TERA Channel Adapter for TERA Class F Systems	\$175.00
DTX-CHA002S	(2) Cat 6/Class E Channel Adapters for Alien Crosstalk measurements.	\$263.00
DTX-CHA002	Cat 6/Class E Channel Adapter optimized for Alien Crosstalk measurements.	\$134.00

More Accessories for the DTX CableAnalyzer Series are Available at www.datacomtools.com

SignalTEK™ & SignalTEK-FO™



(33-974) SignalTEK™ Kit



(33-983) SignalTEK-FO™ Kit

SIGNALTEK provides a technically innovative method to test and document performance of voice, data, and VoIP applications for cabling installers and network technicians. It tests the link's ability to support applications by transmitting Ethernet packets on wire and measuring the link performance according to IEEE802.3ab Gigabit Ethernet standard. By monitoring transmitted and received data packets, it can report BERT (Bit Error Rate Test) for the link. It uses the latest generation of Gigabit Ethernet technology to provide the best performance to this new class of testers.

- Qualify, Store, Print
- Gigabit Performance Qualification- Test to IEEE 802.3 standards
- Selectable Performance Testing- qualify performance of Data, Voice over IP, and IP Video applications
- Performs Gigabit Ethernet link establishment test in 10 seconds
- Data monitoring to detect intermittent network problems
- Internal and USB Data Storage- 20,000 tests internally or unlimited on USB Device
- Prints Easy-to-Read Pass/Fail Qualification Reports

The SIGNALTEK-FO is the first and only tester to qualify both copper and fiber-optic cabling to IEEE 802.3 standards. All in one unit that's less than the price of an optical test set.

With its compact design and soft over-molded sides, the SIGNALTEK-FO fits comfortably in your hands. The easy-to-navigate user interface enables multimedia Gigabit qualification with multimode and single mode capability. You can also perform Bit Error Rate testing and decibel (dB) loss measurements of optical links. Plus, storing and printing qualification reports for copper and fiber jobs are simple using internal memory or USB thumb drives.

In addition to cable performance qualification, SIGNALTEK can be configured to run for several minutes or hours at a time. While stress testing critical network links, SIGNALTEK transmits hundreds of Gigabits of information across the network while looking for dropped packets. This monitoring mode allows SIGNALTEK to be used to isolate intermittent network problems that are difficult to detect. Adopting the latest generation of Gigabit Ethernet technology, IDEAL's innovation brings the best performance to this new class of affordable testers.

33-974	SIGNALTEK™ Kit	\$1249.00
33-981	SIGNALTEK-FO™ with (2) 850nm modules	\$2205.00
33-982	SIGNALTEK-FO™ with (2) 13X0nm modules	\$2590.00
33-983	SIGNALTEK-FO™ with (2) 850 & (2) 13X0 modules	\$2879.00

LanTEK II Series Cable Certifier



(33-991) LanTEK II-350 Kit



LANTEK10GBKIT

LanTEK II offers the best speed, performance and price available today. Nine second Cat 5e and 14 second Cat 6 tests with full performance data plus 10 Gigabit Alien Crosstalk testing that's more than 4x faster than other systems make LanTEK II the ultimate copper certification platform. The patented universal adapter systems lets you certify most cabling with off-the-shelf patch cords saving time and money by eliminating the need for proprietary permanent link adapters.

- Models ranging from 350 MHz - 1000 MHz for Cat 6/ISO E through Cat 7A/ISO FA certification.
- High speed testing saves time and money
- Most internal memory available - store over 1700 Category 6/ISO E tests with graphs
- Patented testing method - eliminate expensive permanent link adapters & test w/patch cords for installation
- Fast fiber testing with FiberTEK® FDX - the first dual wavelength, bidirectional fiber certification tool
- 4.3 in. wide screen display with white LED backlighting provides easy viewing of high-frequency data plots
- 350 MHz & 500 MHz models are fully upgradable to 1000 MHz
- 18 hour battery life with self calibrating "fuel gauge" for accurate capacity readings.

33-991	LanTEK II-350: TIA/EIA Cat6, ISO Class E certifier with Cat6 Adapters	\$6415.00
33-992	LanTEK II-500: TIA/EIA Cat6a, ISO Class E^Certifier with Cat6a Adapters	\$6907.90
33-993	LanTEK II-1000: TIA/CIA Cat7A, ISO Class F/F^Certifier with Cat6A Adapters	\$7895.00

Accessories for the LanTEK II Series Cable Certifier

LANTEK10GBKIT	LanTEK Alien Crosstalk kit	\$1995.00
33-990-BP01	Lithium Ion Battery for LanTEK II	\$215.00
0012-00-0656	Category 6A/Class Ea Universal channel/Permanent Link Adapter	\$133.13
0012-00-0629	Category 6/Class E Universal Channel/Permanent Link Adapter	\$90.63
6011-50-0001	Replacement Category 6A F/FTP Patch Cord	\$40.25
33-990-PS01	Power Supply w/universal plugs US/EU/UK. 110-124VAC input, 12VDC output	\$36.70
33-990-TS01	Replacement Talk Set for LanTEK I/II Pair	\$25.00
33-990-DC01	USB Cable Mini USB Device to standard USB boot	\$22.00
33-990-CC01	Carrying Case for LanTEK adapters. Accommodates up to 8 adapters with room for patch cords and other accessories	\$140.05
33-990-CC02	Small Carrying Case for LanTEK adapters. Accommodates up to 8 adapters with TERA connectors and two TERA patch cords.	\$95.35
1019-00-1100	CAT7/ISO-F NEXANS GG-45 Testing Kit includes permanent/channel link adapters with TERA connectors and two TERA patch cords.	\$835.00
1019-00-1105	CAT7/ISO-F TERA Testing Kit includes permanent/channel link adapters with TERA connectors and two TERA patch cords	\$390.00
1019-00-0343	Coax Testing adapter kit for ANSI/SCTE 74 2003 cable TV drops up to 100 or 300 feet (BNC Connector)	\$540.00

LanScaper PRO Network Tester



LanScaperPRO™ combines the functions of a high-end cable tester and length measurement device with the capability to identify, monitor and correct LAN issue associated with physical layer and link condition in the network.

- Network testing capability includes: port discovery, PoE test, ping, hub flash, CDP
- Cable testing capability includes: single-ended (no remote) testing of cables for shorts, opens and split pairs
- Full cable test finds all wiring faults including split pairs with a remote connected
- Results displayed in wire map format with a pair by pair status message
- Displays PASS for T568A/B passing cables
- Remote mapping capability with remote identifiers
- Generates selectable tones on selected pins for use with tone tracers
- Auto-MDI/MDI-X Ethernet connectivity protocol support connection to hub, switch or NIC w/any patch cable
- Support for six languages; English, French, German, Italian, Portuguese, and Spanish
- Large backlit LCD allows for clear display of setup information and test results
- Auto-off in any mode and low power consumption for long battery life

NT800 LanScaperPRO Cabling and Network Tester Includes: cable test remote, 2 1-ft patch cables, 2 RJ45 to alligator clip cables, and Cordura case

NT850 LanScaperPRO Cabling and Network Tester Kit Includes 8 cable test remotes, 30.48 cm RJ45 to alligator clips cable, 2, 30.48cm cables w/RJ45 connectors, 2, 19cm RJ12 to RJ12 cables for no-fault connection to RJ11 or RJ45 jacks, Tone Tracer Probe, & nylon case. Requires four AA batteries (not included).

NT800	LanScaperPRO Cabling and Network Tester	\$499.00
NT850	LanScaperPRO Cabling and Network Tester Kit	\$685.00

LanScaper



Perform physical layer network management with the functions of a high-end cable tester and length measurement device plus the capability to monitor and correct network problems associated with the physical layer and link conditions of the network.

- Detects legacy "Phantom Power", reports current & voltage capability of analog telephone lines.
- Conducts link tests to ID speed
- Verifies speed capability of terminated unconnected cable runs by sampling data between 2 LanScaper units
- Automatically accesses DHCP host & obtains network information
- Tests cabling configuration & verifies connectivity & length of run while conducting tests for opens, shorts, miswires, split pairs, and reversals
- Identifies HUBs, NIC, or Auto MDI/MDI-X Devices
- Blinks HUBs to ascertain connected configuration
- Displays advertised network speed/duplex

NT750 Kit Includes: NT700 main unit with remote, tone tracer (TT100), 8 remote identifiers, RJ45 to coax adapter cables (TP50), F to BNC adapter (TP62), carrying case

NT700	LanScaper	\$290.00
NT750	LanScaper Network Testing Kit with 8 Remotes	\$399.00

LanRoamer PRO



Network cabling tester identifies length and multiple faults clearly without interpretation. Clear wiremapping is displayed on two-line, 16-character LCD display.

- Measures cable length as a stand-alone function
- Test for short, opens, miswires, reversals and split pairs
- Identifies multiple faults clearly without interpretation
- Clear wiremapping form displayed in 2-line, 16-character LCD display
- Auto-off/Auto-on. up to 10 times better battery life than other testers
- One-ended testing with pre-test mode for fast results
- Built-in tone generator with selectable tones and pair capability

LanRoamerPRO™ Cable Tester Includes: 30.48cm RJ45 to alligator clips cable (TP40), 2, 30.48cm patch cables w/RJ45 connectors (TP55), wire configuration sticker, & nylon pouch (PC150). Requires 9-volt battery (not included).

LanRoamerPRO™ Cable Tester Kit with 8 cable test remotes Includes: 30.48cm RJ45 to alligator clips cable (TP40), RJ45 to coax F-connector adapter (TP50), 2, 30.48cm patch cables w/RJ45 connectors (TP55), wire configuration sticker, and nylon pouch (PC400). Requires 9-volt battery (not included).

TP600	LanRoamerPro Cat 5 Tester	\$160.00
TP607	LanRoamerPro Cat 5 Tester with eight remotes	\$250.00

Validator PRO™ & PRO-NT™



ValidatorPRO & ValidatorPRO-NT include: smart remote, set 1-8 remotes (RJ11/RJ45) (TP612), 2 lithium-ion rechargeable batteries (NT93), 2 universal AC adapter/charger units, 1.83m (72in) USB client-to-PC connection cable (series A plug to series B plug), two 19 cm (7.5 in) RJ12-to-RJ12 cables for no-fault connection to RJ11 or RJ45 jacks, two 30.48 cm (1') patch cables with RJ45 connectors, two 60.96 cm (2') RJ45 to 8 alligator clips cord sets, 2 sacrificial cables for RJ45 mod plug, one coupler F-jack to F-jack, USB drive including Plan-Um® software, user guide, Deluxe carrying case, 100 "speed certified" cable labels, & 12V vehicle charger.

Building on the capabilities of the Validator & Validator-NT, the JDSU ValidatorPRO™ series of Ethernet Network Management Tools offers a solution to test copper and fiber Ethernet cables. The ValidatorPRO™ Ethernet speed certifier with integrated optical power meter and accompanying Plan-Um® cable management software delivers the power to test both copper and fiber cabling, determine if cables can support Gigabit Ethernet, and perform troubleshooting for cable installations. The ValidatorPRO™ performs all tests offered by the Validator™ & Validator-NT™, including speed certifying the data-carrying capabilities of copper Ethernet network cables up to 1 Gb/s by testing for noise in the network, detecting faults in the cabling wiring, & ensuring that cables can support the speed capabilities of active equipment.

To certify Ethernet speed performance of cable runs, the ValidatorPRO™ series of handheld testers conducts bit error rate (BER) tests by sending data packets down specified cable runs at defined data rates to check for errors at the maximum throughput of the link.

NT1150	ValidatorPRO™ Ethernet Speed Certifier w/Power Meter	\$1780.00
NT1155	ValidatorPRO-NT™ Ethernet Speed Certifier w/Power Meter & active network tests	\$2515.00

Accessories for ValidatorPRO™ and ValidatorPRO-NT™ Ethernet Speed Certifier

NT93	Lithium-ion rechargeable battery	\$74.65
NT94	1.83 m (72 in) USB cable assembly	\$6.80
NT95	Cable speed certified labels, roll of 100	\$12.90
TP20	19 cm (7.5 in) RJ12-to-RJ12 cable for no-fault connection to RJ11 or RJ45 jacks	\$2.25
TP55	30.48 cm (1 ft) patch cable with RJ45 connectors	\$2.90
TP62	F-connector plug to BNC jack adapter	\$8.95
TP68	60.96 cm (2 ft) RJ45 to 8 alligator clips cord set	\$18.50
TP74	Sacrificial cable for RJ45 mod plug	\$27.85
TP311	Set of 20 (1-20) Coax ID-only remotes	\$52.00
TP312	Set of 20 (1-20) RJ45 ID-only remote identifiers	\$32.90
TP314	Set of 20 (1-20) RJ11 ID-only remote identifiers	\$32.90
2255/01	OLS-5 Optical MM LED Source 850/1300nm, ST connector type	\$850.00
2255/02	OLS-6 Optical SM Laser Source 1310/1550, FC connector type	\$1495.00
FBP-SM05-C	Inspection & Cleaning Kit	\$2325.00
FBP-SM03-C	Inspection & Cleaning Kit - same as FBP-SM05-C but with HD3 Display	\$2120.00
FFL-050	Visual Fault Locator - Pocket Size, 2.5mm (SM & MM)	\$160.00
FITP-UPP12	1.25mm UPP adapter	\$48.50

Validator™ & Validator-NT™



Validator™ & Validator-NT™ include: a smart remote, 2 lithium rechargeable batteries, 2 AC adapter/charger, 1.83m (72") USB cable assembly, compact flash card, two 19cm (7.5") RJ12 to RJ12 cables for no-fault connection to RJ11 or RJ45 jacks, 2 F-Connector plug to BNC jack adapters, two 30.48cm (1') patch cables with RJ45 connectors, two 60.96 cm (2') RJ45 to 8 alligator clips cord sets, 2 sacrificial cables for RJ45 mod plug, Plan-Um® software, and carrying case

The Validator™ offers a complete solution to test and speed certify the data-carrying capabilities of Ethernet network cables up to 1 Gb/s by testing for noise in the network, detecting faults in the cabling wiring, and ensuring that cables are able to support the speed capabilities of active equipment. The Validator can be used as a cost-effective alternative to full TIA/ISO cable certification in environments where ensuring cable runs support Ethernet speeds up to Gigabit Ethernet is adequate.

To certify Ethernet speed performance of cable runs, the Validator conducts Bit Error Rate (BER) tests by sending data packets down specified cable runs at defined data rates to check for errors at the maximum throughput of the link. The Validator also reports on signal quality that can impact high-speed data transmission by measuring signal-to-noise ratio (SNR). Skew measurements report on the signal time delay between pairs that can impact Ethernet data transmission. Finally, the Validator provides continuity testing that detects opens, shorts, miswires, split pairs, reversals, and high-resistance faults while accurately measuring distance to faults and total cable length.

Validator includes the powerful Plan-Um® planning and reporting software for planing network architectures and organizing cable information and test results. Plan-Um helps set up each job, defines scope of the job, aids in testing cable runs, and produces reports for the installer and customer. The Network Tools feature provides a quick view to see the network architecture and a way to document moves, adds, and changes. Used in conjunction with Plan-Um, Validator provides confidence in the physical properties of cable runs and the overall capability of the network.

NT950	Validator™ Cable Certification Kit	\$1330.00
NT955	Validator-NT™ Cable Certification Kit	\$1445.00

Accessories Validator™ & Validator™ NT Cable Certifiers

NT93	Lithium Ion Rechargeable Battery	\$74.65
NT94	1.83m (72 in) USB Cable Assembly	\$6.80
NT95	Cable Speed Certified Labels, roll of 100	\$12.90
NT925	Smart Remote for Validator™	\$215.00
NT928	Smart Remote for Validator-NT™	\$215.00
TP20	19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 Jacks	\$2.85
TP55	30.48 cm (1 ft) Patch Cable with RJ45 Connectors	\$2.90
TP62	F-Connector Plug to BNC Jack Adapter	\$8.95
TP68	60.96 cm (2 ft) RJ45 to 8 alligator clips cord set	\$18.50
TP74	Sacrificial Cable for RJ45 Mod Plug	\$27.85