

abitana

Home Networks



CATALOGUE

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ABI-EV1012S00**Twisted Pair wideband 4 ports TV/Video amplifier - 2 inputs**

Wideband video amplifier with 1 coaxial F input for aerial or cable signals and 1 input for signals from an RF modulator (eg ABI-EV1017S00), and 4 balanced RJ45 outputs. Ensures distribution of TV, FM radio signals and home A/V channels over OmniMedia universal cabling; balances the output signals to be compatible with the OmniMedia pair cabling system; amplifies the signal with pre-compensation of the OmniMedia cable characteristic; matches the impedance of the cable types (75-100 Ohm). The gain of the antenna/cable input is adjustable to ensure optimum picture quality (use the wideband power test tool ABI-TT1003S12). The device is equipped with IR-Bus, a return channel for the infrared remote control signals of DVD player, SAT decoder, camera,...

Package includes 3pcs RJ45 100 Ohm termination resistors and 1 pce coaxial 75 Ohm termination resistors.

By using the kit ABI-RP1001S00 kit, the amplifier can be made compatible with direct return-path enabled coaxial cable operator networks.

Characteristics:

- Frequency range: 5 - 862 MHz
- 1 F coax input (IEC61169-24) for aerial/cable
- 1 F coax input (IEC61169-24) for RF modulator
- 4 RJ45 shielded output jacks (IEC60603-7)
- IR-Bus interface on output ports (electrical)
- IR-Bus interface on side flanges (optical)
- upgradable for direct interactive return path

Complies with:

- EN50083-2; 2002 Emission/Immunity
- Directives: 89/336/EC; 92/31/EEC

WxHxD (mm): 71,2x80x65

0,29 kg

Individually packaged

ABI-EV1002S00**Twisted Pair wideband 4 ports TV/Video amplifier**

Wideband video amplifier with 1 coaxial F input and 4 balanced RJ45 outputs. Ensures distribution of TV and FM radio signals over OmniMedia universal cabling. The module has two functions: balancing output signals to be compatible with the OmniMedia pair cabling system, and amplification of the signal with pre-compensation of the OmniMedia cable characteristic. The gain of the input stage is adjustable in order to obtain an optimum picture quality (use the wideband power test tool ABI-TT1003S12). The amplifier also exists in a version with 2 RF inputs and the IR-Bus (ABI-EV1012S00). Package includes 3pcs RJ45 100 Ohm termination resistors ABI-AP1003S00.

By using the kit ABI-RP1001S00 kit, the amplifier can be made compatible with direct return-path enabled coaxial cable operator networks.

Characteristics:

- Frequency range: 5 - 862 MHz
- 1 F coax input (IEC61169-24)
- 4 RJ45 shielded output jacks (IEC60603-7)
- 5V power supply (from ABI-PS1001S00)
- DIN-rail mount - 4 std positions wide
- upgradable for direct interactive return path

Complies with:

- EN50083-2; 2002 Emission/Immunity
- Directives: 89/336/EC; 92/31/EEC

WxHxD (mm): 71,2x80x65

0,28 kg

Individually packaged

ABI-EV1001S00**Wideband 4 ports coax TV/Video amplifier**

Wideband video amplifier with 1 coax F input and 4 coax F outputs. Optimised to distribute TV and FM radio signals on 75 Ohm coaxial cable (eg ABI-KX1002S00) throughout the home to a max. of 4 TVs or video recorders. The coax amplifier can also be used as antenna amplifier or to compensate coupling losses when several ABI-EV1002S00 or ABI-EV1012S00 amplifiers are being installed. Package includes 3 coaxial 75 Ohm termination resistors ABI-AX1003S00.

Characteristics:

- Frequency range: 5- 862 MHz
- 1 F coax input (IEC61169-24)
- 4 F coax outputs (IEC61169-24)
- 5V power supply (from ABI-PS1001S00)
- DIN-rail mount - 4 std positions wide
- not fitted with a direct interactive return path circuit

Complies with:

- EN50083-2; 2002 Emission/Immunity
- Directives: 89/336/EC; 92/31/EEC

WxHxD (mm): 71,2x80x65

0,28 kg

Individually packaged

ABI-AC1001S00**Balun for FM-VHF-UHF, variable gain**

Adapter to connect a TV set or a digital settopbox to a universal OmniMedia wall outlet using a standard RF coax lead. Ensures proper impedance matching (100-75 Ohm). The gain is adjustable to guarantee optimum picture quality. In combination with coax gender changer ABI-CX1005S00 this adapter can be used to connect an FM or DAB radio or tuner. Adapter ABI-AC1030S00 allows the simultaneous connection of a TV and a Radio from a single RJ45 socket.

Characteristics:

- RJ45 plug (100 Ohm) to IEC61169.2 male (75 Ohm)
- Frequency range: 5 - 862 Mhz

Complies with:

- IEC61169.2 (DIN 45325) male
- EN 50083-2
- EN 50083-7

WxHxD (mm): 16,7x33,2x52,2

0,013 kg

Individually packaged

ABI-AC1002S00**Balun for FM-VHF-UHF, fixed gain**

Adapter to connect a TV set or a digital settopbox to a universal OmniMedia wall outlet using a standard RF coax lead. Ensures proper impedance matching (100-75 Ohm). In combination with coax gender changer ABI-CX1005S00 this adapter can be used to connect an FM or DAB radio or tuner. Adapter ABI-AC1030S00 allows the simultaneous connection of a TV and a Radio from a single RJ45 socket.

Characteristics:

- RJ45 plug (100 Ohm) to IEC61169.2 male (75 Ohm)
- Frequency range: 5 - 862 Mhz

Complies with:

- IEC61169.2 (DIN 45325) male
- EN 50083-2
- EN 50083-7

WxHxD (mm): 16,7x33,2x52,2

0,013 kg

Individually packaged

ABI-AC1004S00
Balun for FM, fixed gain


Adapter to connect a FM radio or tuner to a universal OmniMedia wall outlet using a standard RF coax lead. Ensures proper impedance matching (100-75 Ohm). Not suitable to connect a TV set or video recorder.

Characteristics:

- RJ45 plug (100 Ohm) to IEC61169.2 female (75 Ohm)
- Frequency range: 88 - 108 Mhz

Complies with:

- IEC61169.2 (DIN 45325) female
- EN 50083-2
- EN 50083-7

WxHxD (mm): 16,7x33,2x52,2

0,013 kg

Individually packaged

ABI-AC1007S00
Balun for FM-VHF-UHF with gain adjustment and IR-Bus


Adapter to connect a TV set or a digital settopbox to a universal OmniMedia wall outlet using a standard RF coax lead. Ensures proper impedance matching (100-75 Ohm). The gain is adjustable to guarantee optimum picture quality. Equipped with the IR-bus on a 2,5mm plug to interface with a IR receiver cord that sends back IR remote control signals to the Comm Center. In combination with coax gender changer ABI-CX1005S00 this adapter can be used to connect an FM or DAB radio or tuner. Adapter ABI-AC1030S00 allows the simultaneous connection of a TV and a Radio from a single RJ45 socket.

Characteristics:

- RJ45 plug (100 Ohm) to IEC61169.2 male (75 Ohm)
- Frequency range: 5 - 862 Mhz

Complies with:

- IEC61169.2 (DIN 45325) male
- EN 50083-2
- EN 50083-7

WxHxD (mm): 16,7x33,2x52,2

0,02 kg

Individually packaged

ABI-AC1030S00
Radio/TV coaxial duplex filter


Use a single wall outlet and TV adapter to provide FM radio and VHF/UHF TV signals. The signals are split with a minimal loss by the use of this duplex filter.

Characteristics:

- FM band: 87,5 - 108 MHz
- FM insertion loss: < 1 dB
- VHF/UHF band: 120 - 862 MHz
- VHF/UHF insertion loss: < 1dB

Complies with:

- IEC 60728-2
- IEC 169-24

WxHxD (mm): 60x28x28

0,052 kg

Individually packaged

ABI-AX1001S02**Coax 2-way splitter (-4dB) with F connectors**

Coaxial wideband 2-way splitter (or combiner). 1 F connector in, 2 F connectors out. 75 Ohm impedance. Used to split antenna, CaTV or modulator signals to separate amplifiers.

Characteristics:

- RF-IN: F female connector
- RF-OUT: 2x F female connector
- Frequency range: 5 - 862 MHz

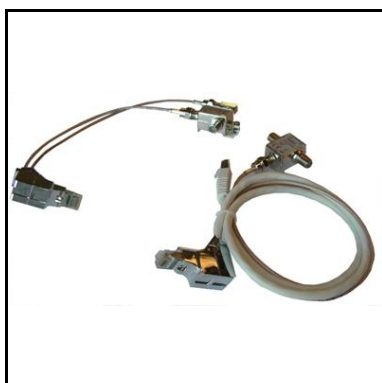
Complies with:

- IEC61169-24 F type

WxHxD (mm): 58x50x15

0,034 kg

Individually packaged

ABI-RP1001S00**Return Path Diplexer kit**

A set of two diplexers and coupling patchcords to provide an interactive return path. One diplexer reaches across the ABI-EV1002S00 and ABI-EV1012S00 broadband amplifiers. The other diplexer connects the settop box to the RJ45 OmniMedia wall outlet.

Cord length:

- Decoder side 15cm
- Amplifier side: 75cm

0,3 kg

ABI-EV1017S00
4-channel Audio/Video modulator with IR-Bus


Up to 4 Audio/Video sources (DVD player, satellite decoder, video recorder, surveillance camera,...) can be watched on any TV set attached to the home network by using the RF modulator in combination with wideband amplifier ABI-EV1012S00 and AV adapters ABI-AS1002S00 (scart) or ABI-AC1003S00 (CVBS), effectively creating up to 4 new home channels. Each A/V source signal is being modulated on a specific RF carrier frequency. A built-in pilot tone and B&W pattern generator simplify the tuning procedure. The device is equipped with IR-Bus, a return channel for the infrared remote control signals of DVD player, SAT decoder, video recorder,...

Characteristics:

- Frequency range: 62 - 862 MHz (programmable)
- 1 F coax output (IEC61169-24) with 4 RF channels
- 16 pre-programmed frequency grids
- Frequencies reprogrammable via serial port (kit ABI-EV1017SPK)
- 4 RJ45 shielded A/V input jacks (IEC60603-7)
- IR-Bus interface on input port

Complies with:

- EN50083-2; 2002 Emission/Immunity
- Directives: 89/336/EC; 92/31/EEC

WxHxD (mm): 71,2x80x65

0,28 kg

Individually packaged

ABI-EV1017SPK
Programming kit for the ABI-EV1017S00 VHF/UHF modulator


This kit is used in combination with a laptop computer to reprogram the channel frequencies and/or modulation formats (PAL I, B/G, Secam) of RF modulator ABI-EV1017S00.

The kit comprises a serial interface cable, a CD-Rom and a User Manual.

If the computer has no serial port, a serial port to USB adapter is also required.

Characteristics:
Kit includes:

- a CD-ROM with instructions
- a serial interface cord (DB9)

Protective postal bag 17x22cm

0,15 kg

Individually packaged

ABI-FF100xS0y
RF filters with F connectors


These tubular radiofrequency F-F filters provide very sharp cut-off at the specified frequencies.

They are intended to be used in amplifier/modulator combinations, either to reject unwanted signals from aerial or cable, either to eliminate harmonic frequencies of the modulators.

- ABI-FF1001S01: Low Pass Filter (446MHz)
- ABI-FF1001S02: Low Pass Filter (672MHz)
- ABI-FF1001S03: Low Pass Filter (750MHz)
- ABI-FF1002S01: High Pass Filter (470MHz)
- ABI-FF1003S01: Band Stop Filter (310-446MHz)

Characteristics:

Please consult our application notes.

Complies with:

- IEC 169-24
- IEC 60728-2

L: 58mm; Dia:20mm

0,058 kg

Individually packaged

ABI-AC1003S00
Adapter for Composite Video signal


Video adapter to connect an analog camera or camcorder to a universal OmniMedia wall outlet by means of a standard video coax patch cable. Ensures impedance matching (100-75 Ohm). A pair can be used to set up a short RCA-RCA video extension, a single unit can be used to bring a video signal to the ABI-EV1017S00 modulator or the ABI-EV1018S00 active AV splitter.

Characteristics:
 - RJ45 male (100 Ohm) to RCA/Cinch (75 Ohm) female

WxHxD (mm): 16,7x33,2x52,2

0,013 kg

Individually packaged

ABI-AS1002S00
Composite Video/Audio adapter SCART/RCA/RJ45 with IR-Bus - with buffer amplifier


Bi-directional adapter to connect either an audio/composite video source (DVD player, satellite decoder, video recorder,...) or display (TV set, monitor, beamer,...) equipped with a SCART connector to a universal OmniMedia wall outlet through standard RJ45-RJ45 patch leads. Audio & video outputs are also available on 3x RCA/Cinch connectors to connect to local equipment. Internal video-amplifier for optimum picture quality. Bi-directional IR-Bus interface for remote control transmitter or receiver wands.

A pair can be used to set up a short SCART-SCART AV extension, a single unit can be used to bring AV signals to the ABI-EV1017S00 modulator or the ABI-EV1018S00 active AV splitter.

Characteristics:
 - RJ45 jack to SCART and/or 3x RCA/Cinch (audio L & R, CVBS video)
 - requires 5V DC powering (consult application notes)

WxHxD (mm): 59x21x56

0,05 kg

Individually packaged

ABI-EV1018S00
Audio/Video 1 to 4 distribution amplifier (CVBS+Stereo) with IR-Bus passthrough


The Video and Stereo Audio signals from a single AV source (DVD player, SAT decoder, video recorder, surveillance camera,...) can be watched simultaneously on 4 TV sets or monitors attached to the home network by using the AV distribution amplifier. The AV source is connected to the network by a SCART-to-RJ45 adapter (ABI-AS1002S00) or a RCA-to-RJ45 balun (ABI-AC1003S00). The AV distribution amplifier has a single input port, and 4 output ports. Each unit is shipped with a ABI-DC1006S00 to bring the 5th port (input port) to the front panel of the Comm Center cabinet. Each TV set or monitor is connected to the network in turn through a RJ45 to SCART adapter (ABI-AS1002S00) or a RJ45 to RCA balun (ABI-AC1003S00). The AV distribution amplifier is equipped with IR-Bus, a return channel for the infrared remote control signals of DVD player, SAT decoder, video recorder,...

Characteristics:
 - 1x RJ45 input port for CVBS+Stereo+IR-Bus
 - 4x RJ45 output ports for CVBS+Stereo+IR-Bus
 - Composite Video Baseband
 - Line-level Stereo
 - Up to 35m reach
 - IR-Bus interface on input and output ports

WxHxD (mm): 71,2x80x65

0,32 kg

Individually packaged

ABI-AS1003S00
High Definition Component Video + S/PDIF Audio 4xRCA to RJ45 adapter (YPbPr+S/PDIF)


Bi-directional adapter to connect either a high-resolution video source (DVD player, satellite decoder, video recorder,...) or display (TV set, monitor, beamer,...) to a universal OmniMedia wall outlet through a shielded OmniMedia RJ45-RJ45 connection cord ABI-PC1012Sxx.

The component video interface is presented on 3x RCA/Cinch gold-plated high quality connectors. The digital Audio 5.1 interface (S/PDIF) is presented on 1x gold-plated high quality RCA/Cinch connector.

A point-to-point link requires an ABI-AS1003S00 adapter at each end.

Characteristics:

Port 1:

- Y,+U/Pb/Cb+V/Pr/Cr+ S/PDIF on RJ45 (100 Ohm balanced)

-Port 2:

- Y on green RCA (75 Ohm unbalanced)

- U//Cb on blue RCA (75 Ohm unbalanced)

- V/Pr/Cr on red RCA (75 Ohm unbalanced)

- S/PDIF on white RCA (75 Ohm unbalanced)

WxHxD (mm): 90x50x32

0,14 kg

Individually packaged

ABI-AH1301SRX
VGA
VGA/YUV/S-Video/CVBS HD Twisted Pair Receiver


This device is a high performance RJ45 to VGA converter, intended to receive a high quality video signal (up to 2048x1536) over a single twisted pair cable from a distance as far as 250m.

The receiver has a VGA output to connect to the remote screen. It takes its power from a local power cube supplied with the kit. Audio is extracted via a standard 3,5mm stereo jack.

The unit can be adapted to different video standards by using the suitable adapter cord.

Characteristics:

- Link Input: RJ45

- Output: DB15 male

- Resolution/length (for Cat5/6/7): 2048x1536 @ 250m

- Power supply: 7,5V DC

- Compliant: VGA, YCbCr, S-video, CVBS

WxHxD(mm): 113x60x27

1 kg

Individually packaged

ABI-AH1301STX
VGA
VGA/YUV/S-video/CVBS HD Twisted Pair Transmitter


This device is a high performance VGA to RJ45 converter, intended to transmit a high quality video signal (up to 2048x1536) over a twisted pair cable up to a distance of 250m.

The transmitter has a VGA input and a VGA output to connect to a nearby screen. It takes its power from a local power cube supplied with the kit. Audio is injected via a standard 3,5mm stereo jack.

The unit be adapted to different video standards by using the suitable adapter cord.

Characteristics:

- Input: DB15 male

- Local Output: DB15 female

- Link Output: RJ45

- Resolution/length (for Cat5/6/7): 2048x1536 @ 250m

- Power supply: 7,5V DC

- Compliant: VGA, YCbCr, S-video, CVBS

WxHxD(mm): 113x60x27

1 kg

Individually packaged

ABI-AH1304STR
VGA/YUV/S-video/CVBS HD 1-in 4-out Twisted Pair Splitter


This device is a high performance RJ45 to VGA converter, intended to receive a high quality video signal (up to 2048x1536) over a twisted pair cable from a distance as far as 250m, split it into 4 RJ45 output signals and retransmit these to 4 remote receivers.

The transceiver has a VGA output to connect to a local screen. It takes its power from a local power cube supplied with the kit. Audio is extracted via a standard 3,5mm stereo jack.

The unit be adapted to different video standards by using the suitable adapter cord.

Characteristics:

- Link Input: RJ45
- Local Output: DB15 female
- Link Outputs: 4x RJ45
- Resolution/length (for Cat5/6/7): 2048x1536 @ 250m
- Power supply: 9V DC
- Compliant: VGA, YCbCr, S-video, CVBS

WxHxD(mm): 240x130x44

2 kg

Individually packaged

ABI-AH1308STR
VGA/YUV/S-video/CVBS HD 1-in 8-out Twisted Pair Splitter


This device is a high performance RJ45 to VGA converter, intended to receive a high quality video signal (up to 2048x1536) over a twisted pair cable from a distance as far as 250m, split it into 8 RJ45 output signals and retransmit these to 8 remote receivers.

The transceiver has a VGA output to connect to a local screen. It takes its power from a local power cube supplied with the kit. Audio is extracted via a standard 3,5mm stereo jack.

The unit be adapted to different video standards by using the suitable adapter cord.

Characteristics:

- Link Input: RJ45
- Local Output: DB15 female
- Link Outputs: 8x RJ45
- Resolution/length (for Cat5/6/7): 2048x1536 @ 250m
- Power supply: 9V DC
- Compliant: VGA, YCbCr, S-video, CVBS

WxHxD(mm): 240x130x44

2 kg

Individually packaged

ABI-AH1300YRX
Component Video monitor-side cord for ABI-AH130x series


This cord adapts the Composite or Component Video interface to the VGA output connector of the ABI-AH130x series extenders and splitters

Characteristics:

- VGA connector: 1x DB15 male
- Component Video: 3x RCA
- Audio: 2x RCA and 1x 3,5mm jack

Length: 2m

0,3 kg

Individually packaged

ABI-AH1300YTX
Component Video source-side cord for ABI-AH130x series


This cord adapts the Component Video interface to the VGA input connector of the ABI-AH130x series extenders and splitters.

- Characteristics:
- VGA connector: 1x DB15 female
 - Component Video: 3x RCA
 - Audio: 2x RCA

Length: 90cm

0,2 kg

Individually packaged

ABI-AH1101SRX
HDMI Twisted Pair Receiver


In combination with twisted pair transmitter ABI-AH1101STX, this twisted pair receiver allows transmission of a "full HD" 1080i HDMI interface signal over a single standard Cat5/6/7 or OmniMedia cable up to 60m. For lower resolutions even higher distances are possible (up to 80m at 480p).

The device is powered by a local power cube supplied with the kit.

- Characteristics:
- Input: 1xRJ45
 - Output: HDMI
 - Resolution/length:
 - 480p @ 80m
 - 1080i/720p @ 60m
 - Power supply: 5V DC
 - Compliant HDMI 1.2

WxHxD(mm): 69x39x21

0,3 kg

Individually packaged

ABI-AH1101STX
HDMI Twisted Pair Transmitter


In combination with twisted pair receiver ABI-AH1101SRX, this twisted pair transmitter allows transmission of a "full HD" 1080i HDMI interface signal over a single standard Cat5/6/7 or OmniMedia cable up to 60m. For lower resolutions even higher distances are possible (up to 80m at 480p).

The device is powered by a local power cube supplied with the kit.

- Characteristics:
- Output: 1xRJ45
 - Input: HDMI
 - Resolution/length:
 - 480p @ 80m
 - 1080i/720p @ 60m
 - Power supply: 5V DC
 - Compliant HDMI 1.2

WxHxD(mm): 69x39x21

0,3 kg

Individually packaged

ABI-AH1102STR
HDMI Twisted Pair Receiver/Transmitter with local output


In combination with twisted pair transmitter ABI-AH1102STX, this twisted pair receiver/transmitter allows transmission of a "full HD" 1080i HDMI interface signal over a single standard Cat5/6/7 or OmniMedia cable up to 60m. For lower resolutions even higher distances are possible (up to 80m at 480p).

The device has an HDMI output for a local screen and an RJ45 transmitter port to go to a layer2 remote transceiver in cascade.

The device is powered by a local power cube supplied with the kit.

Characteristics:

- Link Input: RJ45
- Link Output: 1xRJ45
- Local output: HDMI
- Cascading: 2 levels maximum
- Resolution/length:
 - 480p @ 80m
 - 1080i/720p @ 60m
- Power supply: 5V DC
- Compliant HDMI 1.2

WxHxD(mm): 113x60x27

1 kg

Individually packaged

ABI-AH1102STX
HDMI Twisted Pair Transmitter with local output


In combination with twisted pair receiver ABI-AH1102STR, this twisted pair transmitter allows transmission of a "full HD" 1080i HDMI interface signal over a single standard Cat5/6/7 or OmniMedia cable up to 60m. For lower resolutions even higher distances are possible (up to 80m at 480p).

The device has an HDMI input and an HDMI output for a local screen and an RJ45 transmitter port to go to a remote transceiver.

The device is powered by a local power cube supplied with the kit.

Characteristics:

- Link input: HDMI
- Link Output: 1xRJ45
- Local output: HDMI
- Resolution/length:
 - 480p @ 80m
 - 1080i/720p @ 60m
- Power supply: 5V DC
- Compliant HDMI 1.2

WxHxD(mm): 113x60x27

1 kg

Individually packaged

ABI-AH1104SSP
HDMI 1-in 4-out Twisted Pair Splitter - 1 to 4 ports


This device is a high performance HDMI 4 port expander, intended to split an HDMI signal into 4 and transmit "full HD" 1080i streams over single standard Cat5/6/7 or OmniMedia cable as far as 60m (with ABI-AH1101SRX receivers)

The splitter has a local HDMI output to connect to a local screen. It takes its power from a local power cube supplied with the kit.

Characteristics:

- Input: HDMI
- Local Output: HDMI
- Link Outputs: 4x RJ45
- Resolution/length:
 - 480p @ 80m
 - 1080i/720p @ 60m
- Power supply: 5V DC
- Compliant HDMI 1.2

WxHxD(mm): 240x130x44

2 kg

Individually packaged

ABI-AH1108SSP
HDMI 1-in 8-out Twisted Pair Splitter


This device is a high performance HDMI 8 port expander, intended to split an HDMI signal into 8 and transmit "full HD" 1080i streams over standard single Cat5/6/7 or OmniMedia cable as far as 60m (with ABI-AH1101SRX receivers).

The splitter has a local HDMI output to connect to a local screen. It takes its power from a local power cube supplied with the kit.

Characteristics:

- Input: HDMI
- Local Output: HDMI
- Link Outputs: 8x RJ45
- Cascading: 2 levels maximum
- Resolution/length:
 - 480p @ 80m
 - 1080i/720p @ 60m
- Power supply: 5V DC
- Compliant HDMI 1.2

WxHxD(mm): 240x130x44

2 kg

Individually packaged

ABI-AH1100SRX
HDMI Twisted Pair RJ45 adapter


This RJ45 to HDMI adapter is intended to be used with the HDMI splitters ABI-AH1104SSP or ABI-1108SSP. The adapter allows the transformation of the splitters' HDMI input port into an RJ45 input port. The device is passive and does not require a power supply.

Characteristics:

- Input: 1xRJ45
- Output: HDMI
- Resolution/length: 1080i@20m
- Power supply: none
- Compliant HDMI 1.2

WxHxD (mm): 40x25x20

0,05 kg

Individually packaged

ABI-EA1003S00**Audio Hub - dual stereo line level links - IR remote control passthrough**

The Audio Hub allows the distribution of line level signals between mono or stereo audio sources (like tuner, CD player, tape recorder, PC audio board outputs,...) and playback or recording equipment (like amplifiers, active speakers, tape recorders, harddisk recorders, PC audio board inputs,...). Two independent stereo sources can be routed to four independent listening devices. The sources can be located in any room of the house or in a technical room. Each audio connection can take care of two stereo signals, in the same direction (two stereo upstream or two stereo downstream signals) or in opposite direction (one stereo upstream, one stereo downstream). Infrared remote control signals can be fed from each "listening" side to each audio source via cabling and Audio Hub.

Characteristics:

- 2 Stereo line-level audio sources
- 4 Stereo playback devices
- Dual line-level stereo links for each connection
- Up- and downstream links for each RJ45 port
- IR passthrough
- 5V power supply (from ABI-PS1001S00)
- DIN-rail mount - 4 std positions wide

WxHxD (mm): 71,2x80x65

0,28 kg

Individually packaged

ABI-AC1009S00**Audio RJ45 adapter (two stereo channels and IR-Bus)**

The ABI-AC1009S00 audio adapter works in conjunction with the Audio Hub ABI-EA1003S00 to create a 5 zone music distribution system. A pair of adapters and a patch cord ABI-PC1008S65 can be used to provide a point-to-point dual stereo line level link between two distant audio devices. The adapter has an RJ45 plug on one side to connect to an OmniMedia wall outlet. On the other side two 3,5mm stereo jacks accept line level inputs or outputs from two separate audio sources or playback devices and a 2,5mm jack connects to a IR receiver or transmitter for multiroom remote control passthrough.

Characteristics:

- 2 stereo line level interfaces on 3,5mm stereo jack
- Up- and/or downstream links for each port
- IR passthrough interface on 2,5mm jack
- RJ45 plug cabling network interface

Complies with:

- Unbalanced line level audio signals

WxHxD (mm): 16,7x33,2x52,2

0,027 kg

Individually packaged

ABI-ET2001S00
Telephony module without call confidentiality function


Passive module for the distribution of telephony signals without call confidentiality function, suited for standard analog (PSTN) or digital (ISDN) phone lines. Output ports assigned to the same phone line will ring simultaneously and phones connected to these ports can listen in to the same conversation. Allows easy patching of phones, fax, modem, banking terminal,...

Characteristics:

- 1 or 2 analog PSTN inputs (2x RJ11)
- 1 digital ISDN input (RJ45)
- 4 RJ45 output ports
- Passive distribution of inputs to output ports
- Fax priority setup possible
- DIN-rail mount - 4 std positions wide

WxHxD (mm): 71,2x80x65

0,28 kg

Individually packaged

ABI-ET2002S00
Telephony module with call confidentiality function


Passive module for the distribution of telephony signals with call confidentiality function, suited for standard analog (PSTN) phone lines. Output ports assigned to the same phone line will ring simultaneously but only the first phone connected to these ports to go off-hook will take the call. Allows easy patching of phones, fax, modem,...

Will not allow Caller-ID passthrough

Characteristics:

- 1 Analog PSTN input (parallel on 2x RJ11 and 1x RJ45)
- 4 RJ45 output ports
- Passive distribution of inputs to output ports
- Call confidentiality function (only 1 phone can take a call)
- DIN-rail mount - 4 std positions wide

Warning: showing of the line number of the calling party on the phoneset's display is not guaranteed with this module

WxHxD (mm): 71,2x80x65

0,28 kg

Individually packaged

ABI-ET2003S00
Modem-phone-fax splitter module with ADSL filter


The ABI-ET2003S00 is a passive splitter module for the distribution of analogue (PSTN) phone and ADSL signals. An external ADSL filter is no longer needed thanks to the built-in filter. This simplifies the installation and commissioning of phone, fax and ADSL modem-router. The ABI-ET2003S00 does not provide the call-confidentiality function.

Characteristics:

Line in: PSTN (and ADSL) signal on RJ45 or RJ11 (2x)

Line out:

- 3x filtered PSTN on RJ45 ports P1, P2, P3
- 1x unfiltered PSTN+ADSL on RJ45 port P4
- dual mode phone service (phone only on P1, P2 and P3 or phone on P2 and P3 after a priority fax on P1)

WxHxD (mm): 71,2x80x65

0,28 kg

Individually packaged

ABI-EL1001S00**Fast Ethernet Switch - 5 ports 10/100bT - DIN-rail**

The 5 port 10/100Mbps Switch automatically recognises all attached network equipment and chooses the highest possible bit rate (10 or 100Mbps) and transmission mode for each equipment. The auto MDI/MDIX function eliminates the need (and risk of errors) for crossover patch cords.

Characteristics:

- 5 ports 10/100Mbps
- MDI/MDIX
- Auto sense/auto negotiate
- 5V power supply (from ABI-PS1001S00)
- DIN-rail mount - 4 std positions wide

Complies with:

- IEEE 802.3 10Base-T Ethernet
- IEEE 802u 100Base-TX Fast Ethernet
- EN50022 Class B; Emission
- Directives: 89/336/EEC; 92/31/EEC

WxHxD (mm): 71,2x80x65

0,28 kg

Individually packaged

ABI-EL2002S00**Gigabit Ethernet Switch - 8 ports 10/100/1000bT - DIN-rail**

8 full GbE ports with nonblocking wire-speed performance. The ports automatically recognise all attached network equipment and choose the highest possible bit rate (10, 100 or 1000Mbps) and transmission mode for each equipment. The auto MDI/MDIX function eliminates the need (and risk of errors) for crossover patch cords.

Three of the eight ports may be forced in Fast Ethernet mode and carry a secondary phone or data signal over the same RJ45 link. The secondary signal is connected to the RJ11 injection ports on the top of the unit by using special patchcords ABI-PC2002S01 (data-data) or ABI-PC2002S04 (data-phone). This practical solution reduces the number of required wire links in environments like a home office where there is a shortage of connection sockets.

Characteristics:

- 8 ports 10/100/1000Mbps
- MDI/MDIX
- Auto sense/auto negotiate
- 5V power supply (from ABI-PS1001S00)
- DIN-rail mount - 9 std positions wide

Complies with:

- IEEE 802.3 ab 10/100/1000Mbps
- supports IEEE Std802.1D, 802.1w, 802.1s, 802.1X
- 8K MAC addresses
- Jumbo Frame Support
- Full duplex flow control
- EN50022 Class B; Emission
- Directives: 89/336/EEC; 92/31/EEC

WxHxD (mm): 157x80x65

0,5 kg

Individually packaged

ABI-PC2002S01**Hybrid injection cord Data-Data (for switch ABI-EL2002S00)**

ONLY USE with the multifuntion Gigabit ABI-EL2002S00 switch!

This hybrid injection cord is used to inject into one of the EL2002S00's three hybrid links a supplementary Data signal (Ethernet or Fast Ethernet). The RJ45 side of the cord is meant to attach to the Ethernet stream that is being injected, the RJ11 side of the cord goes into one of the EL2002's injection port on top of the unit. At the other end of the EL2002S00's combined link, an adapter AP1002S01 is used to separate the two datastreams (one Fast Ethernet from the EL2002S00's bus, one Ethernet or Fast Ethernet from the injection port).

ONLY USE with the multifuntion Gigabit EL2002S00 switch !

L (cm): 45

0,026 kg

Individually packaged

ABI-PC2002S04**Hybrid injection cord Data-Telephone (for switch ABI-EL2002S00)**

ONLY USE with the multifuntion Gigabit ABI-EL2002S00 switch!

This hybrid injection cord is used to inject into one of the EL2002S00's three hybrid links a supplementary Telephony (or ADSL) type signal.

One RJ11 side of the cord is meant to attach to the telephony signal that is being injected, the other RJ11 side of the cord goes into the EL2002's injection port on top of the unit.

At the other end of the EL2002S00's combined link, an adapter AP1002S04 is used to separate the two signal streams (one Fast Ethernet from the EL2002S00's bus, the other Telephony from the injection port).

ONLY USE with the multifuntion Gigabit EL2002S00 switch !

L (cm): 45

0,026 kg

Individually packaged

ABI-AR1002S00**IR-Bus Remote Control Transmitter**

Infrared remote control transmitter with cord that links to the SCART/RCA/RJ45 adapter (ABI-AS1002S00) or an audio adapter (ABI-AC1009S00) to enable the control of a DVD-player, VCR, satellite decoder, HiFi system, etc. that is located in another room via the home network cabling.

Characteristics:

- Coaxial 2,5mm connector
- Position pad (for double-sided adhesive tape or velcro)
- Infrared device on semi-rigid bendable lead

L(m): 1,8

0,041 kg

Individually packaged

ABI-AR1003S00**IR-Bus Remote Control Receiver - Long Reach - 36kHz (Sky compatible)**

Infrared Remote Control Receiver with cord that links to the SCART/RCA/RJ45 adapter (ABI-AS1002S00), wideband TV/Radio adapter (ABI-AC1007S00) or music adapter (ABI-AC1009S00) to enable the control of a satellite decoder, DVD player, VCR,... that is located in another room via the home network cabling. The microcontroller-based device allows a very long IR reach by eliminating stray signals.

Characteristics:

- Coaxial 2,5mm connector
- Positioning pad (for doublesided tape or velcro)
- Built-in microcontroller chip
- Up to 10m infrared receiver range
- 36 kHz infrared signal

L (m): 1,5

0,046 kg

Individually packaged

ABI-DC2002S00**Shielded RJ45 OmniMedia HD connector - DIN-rail mount**

Shielded RJ45 OmniMedia HD DIN-rail mounted connector to terminate universal OmniMedia cable (eg ABI-KP1003S00) in a Comms Cabinet. Used for telephony, data, TV and audio/video applications.

The HD connector distinguishes from its predecessor by an unmatched EMC shielding efficiency throughout the UHF range, allows cable termination without dedicated tooling and the simplified colour coding reduces wiring errors.

Characteristics:

- Frequency range: 0 - 862 MHz
- Toolless installation
- Straight (180°) cable-entry rear cover

Complies with:

- ISO/IEC 60603-7, connector
- ISO/IEC 11801, structured cabling
- EN 50173, structured cabling
- ISO/IEC 15018, residential cabling

WxHxD (mm): 17,8x80x65

0,052 kg

Individually packaged

ABI-DC1001S00**Unshielded RJ45 connector - DIN-rail mount**

Unshielded RJ45 connector. Terminates UTP cables. The keystone latch mechanism maintains the connector in the DIN-rail holder. Adapted for telephony and data applications.

Characteristics:

- Frequency range: 0 - 250 MHz
- DIN-rail mount - 1 std position wide

Complies with:

- ISO/IEC 60603-7, connector
- ISO/IEC 11801, structured cabling
- EN 50173, structured cabling
- ISO/IEC 15018, residential cabling

WxHxD (mm): 17,8x80x65

0,03 kg

Individually packaged

ABI-DC1003S00**F - F coax coupler - DIN-rail mount**

Ensures a quick termination of connectorised coaxial cables in the Comm Center cabinet. The keystone latch mechanism maintains the connector in the DIN-rail holder. Adapted for wideband audio/video applications. Frequently used to bring coaxial ports of modules ABI-EV10xxS00 to the front panel of the Comm Center cabinet.

Characteristics:

- Frequency range: 0 - 3 GHz
- DIN-rail mount - 1 std position wide

Complies with:

- IEC61169-24 F type

WxHxD (mm): 17,8x80x65

0,031 kg

Individually packaged

ABI-DC1004S00**IEC/M coax coupler - DIN-rail mount**

Ensures a quick termination of connectorised coaxial cables in the Comm Center cabinet. Frontside IEC male connector, rear side F coax connector. The keystone latch mechanism maintains the connector in the DIN-rail holder. Adapted for wideband audio/video applications.

Characteristics:
 - Frequency range: 0 - 1000 MHz
 - DIN-rail mount - 1 std position wide

Complies with:
 - IEC61169.2 (DIN 45325) Male
 - EN 50083-2
 - EN 50083-7

WxHxD (mm): 17,8x80x65

0,031 kg

Individually packaged

ABI-DC1005S00**Double 5V power feedthrough connector - DIN-rail mount**

Double power feedthrough module. Brings low voltage power to the front panel of the Comm Center. Often used in combination with patch cord ABI-PC1008S65 to power the IR-Bus.

Characteristics:
 - Max. Current: 4A
 - DIN-rail mount - 1 std position wide

WxHxD (mm): 17,8x80x65

0,025 kg

Individually packaged

ABI-DC1006S00**Shielded RJ45 OmniMedia feedthrough connector - DIN-rail mount**

Feedthrough connector with at the front side a universal RJ45 OmniMedia connector with UHF shield. The keystone latch mechanism maintains the connector in the DIN-rail holder. At the rear, a 45cm shielded flylead is terminated by a shielded RJ45 plug. Adapted for telephony, data and wideband audio/video applications. Frequently used to bring the top port of ABI-EL1001S00, ABI-EA1003S00 or ABI-EV1018S00 to the front panel of the Comm Center cabinet.

Characteristics:
 - Frequency range: 0 - 862 MHz
 - DIN-rail mount - 1 std position wide

Complies with:
 - ISO/IEC 60603-7, connector
 - ISO/IEC 11801, structured cabling
 - EN 50173, structured cabling
 - ISO/IEC 15018, residential cabling

WxHxD (mm): 17,8x80x65

0,061 kg

Individually packaged

ABI-DC1008S00**Unshielded RJ45-RJ45 feedthrough connector - DIN-rail mount**

Unshielded RJ45-RJ45 feedthrough connector. The keystone latch mechanism maintains the connector in the DIN-rail holder. Adapted for telephony and data applications. Occupies 1 standard width on the DIN rail. Frequently used to bring ports of external devices (phone PABX, data switch,...) to the front panel of the Comm Center cabinet.

Characteristics:

- Frequency range: 0 - 250 MHz
- DIN-rail mount - 1 std position wide

Complies with:

- ISO/IEC 60603-7, connector
- ISO/IEC 11801, structured cabling
- EN 50173, structured cabling
- ISO/IEC 15018, residential cabling

WxHxD (mm): 17,8x80x65

0,027 kg

Individually packaged

ABI-DC1009S00**Shielded RJ45-RJ45 feedthrough connector - DIN-rail mount**

Shielded RJ45-RJ45 feedthrough connector. The keystone latch mechanism maintains the connector in the DIN-rail holder. Adapted for telephony, data and video applications. Occupies 1 standard width on the DIN-rail. Frequently used to bring ports of external devices (phone PABX, data switch,...) to the front panel of the Comm Center cabinet.

Characteristics:

- Frequency range: 0 - 862 MHz
- DIN-rail mount - 1 std position wide

Complies with:

- ISO/IEC 60603-7, connector
- ISO/IEC 11801, structured cabling
- EN 50173, structured cabling
- ISO/IEC 15018, residential cabling

WxHxD (mm): 17,8x80x65

0,03 kg

Individually packaged

ABI-DC1011S00**F.O. Simplex ST multimode feedthrough connector - DIN-rail mount**

Fiberoptics multimode simplex ST feedthrough connector. The keystone latch mechanism maintains the ST connector coupler in the DIN-rail holder. Occupies 1 standard width on the DIN-rail. The device allows quick termination of Fiber access, backbone or FTTH links in a user premise, industrial site, automation equipment, etc.

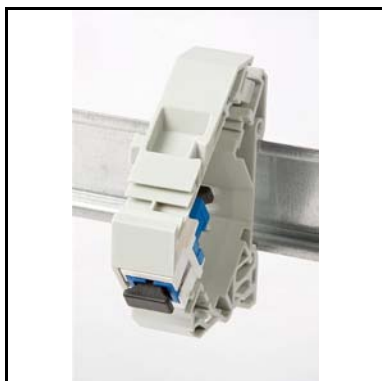
Characteristics:

- DIN-rail mount - 1 std position wide

WxHxD (mm): 17,8x80x65

0,03 kg

Individually packaged

ABI-DC1012S00**F.O. Simplex SC multimode feedthrough connector - DIN-rail mount**

Fiberoptics multimode simplex SC feedthrough connector. The keystone latch mechanism maintains the SC connector coupler in the DIN-rail holder. Occupies 1 standard width on the DIN-rail. The device allows quick termination of Fiber access, backbone or FTTH links in a user premise, industrial site, automation equipment, etc.

Characteristics:
- DIN-rail mount - 1 std position wide

WxHxD (mm): 17,8x80x65

0,026 kg

Individually packaged

ABI-DC1999S00-25**Sidecovers for DIN-rail connectors - bag with 25 pairs**

Set comprising a right and a left cover for DIN-rail connectors of the ABI-DC1xxxS00 and ABI-DC2xxxS00 ranges. These covers can be used as dust covers to mask the lateral openings of the DIN rail connectors when they are used in other cabinets than Abitana's or on open DIN rails (eg industrial installations).

WxHxD (mm): 3,1x75x65

0,55 kg

Bag of 25 pairs

ABI-WA2002S00
Wall Outlets compatible with Keystone insert - RJ45 OmniMedia HD


Outlet frames and faceplates of many vendors like Merten, Gira, Busch-Jaeger, Jung, are directly compatible with our keystone insert RJ45 OmniMedia HD connector type ABI-CP2002S00. Please consult our "faceplate compatibility list" to appreciate the wide number of possible combinations that have been tested.
Article ABI-WA2002S00 is identical to article reference ABI-CP2002S00.

Characteristics:
- Frequency range: 0-862 MHz

Complies with:
- ISO/IEC 60603-7, connector
- ISO/IEC 11801, structured cabling
- EN 50173, structured cabling
- ISO/IEC 15018, residential cabling

WxHxD (mm): 17,3x19,9x35,4

0,032 kg

Individually packaged

ABI-WA2001S00
Wall Outlets compatible with Keystone insert - RJ45 UTP


Outlet frames and faceplates of many vendors like Merten, Gira, Busch-Jaeger, Jung, are directly compatible with our keystone insert RJ45 UTP connector type ABI-CP1001S00. Please consult our "faceplate compatibility list" to appreciate the wide number of possible combinations that have been tested.
Article ABI-WA2001S00 is identical to article reference ABI-CP1001S00.

Characteristics:
- Frequency range: 0 - 250 MHz

Complies with:
- ISO/IEC 60603-7, connector
- ISO/IEC 11801, structured cabling
- EN 50173, structured cabling
- ISO/IEC 15018, residential cabling

WxHxD (mm): 17,1x24x33,2

0,009 kg

Individually packaged

ABI-WA2102S00
Wall Outlet compatible Niko Pure, Intense, Original - RJ45 OmniMedia HD


Wall outlet with 1 shielded RJ45 OmniMedia HD connector. Suitable for telephony, data and audio/video/TV applications. Fits in Niko Pure, Intense, Original faceplates. The HD connector distinguishes from its predecessor by an unmatched EMC shielding efficiency throughout the UHF range, allows cable termination without dedicated tooling and the simplified colour coding reduces wiring errors.

Characteristics:
- Frequency range: 0 - 862 MHz
- Connector holder for Niko Pure, Intense, Original included

Complies with:
- ISO/IEC 60603-7, connector
- ISO/IEC 11801, structured cabling
- EN 50173, structured cabling
- ISO/IEC 15018, residential cabling

WxHxD (mm): 21x45x55

0,034 kg

Individually packaged

ABI-WA2101S00
Wall Outlet compatible Niko Pure, Intense, Original - RJ45 UTP


Wall outlet with 1 unshielded RJ45 connector. Suitable for telephony and data applications. Fits in Niko Pure, Intense, Original faceplates.

Characteristics:

- Frequency range: 0 - 250 MHz
- Connector holder for Niko Pure, Intense, Original included

Complies with:

- ISO/IEC 60603-7, connector
- ISO/IEC 11801, structured cabling
- EN 50173, structured cabling
- ISO/IEC 15018, residential cabling

WxHxD (mm): 21x45x55

0,014 kg

Individually packaged

ABI-WA22x2S00
Wall Outlets compatible BTicino - RJ45 OmniMedia HD


Wall outlet with 1 shielded RJ45 OmniMedia HD connector. Suitable for telephony, data and audio/video/TV applications. Fits in bTicino Axolute faceplates. The HD connector distinguishes from its predecessor by an unmatched EMC shielding efficiency throughout the UHF range, allows cable termination without dedicated tooling and the simplified colour coding reduces wiring errors.

Characteristics:

- Frequency range: 0 - 862 MHz

Complies with:

- ISO/IEC 60603-7, connector
- ISO/IEC 11801, structured cabling
- EN 50173, structured cabling
- ISO/IEC 15018, residential cabling

- ABI-WA2202S00: compatible Living Intl, black
 ABI-WA2232S00: compatible Light Tech, silver
 ABI-WA2252S00: compatible Light, white
 ABI-WA2272S00: compatible magic, ivory
 ABI-WA2282S00: compatible Axolute, dark grey
 ABI-WA2292S00: compatible Axolute, light grey

WxHxD (mm): 22x47x55

0,034 kg

Individually packaged

ABI-WA22x1S00**Wall Outlets compatible BTicino - RJ45 UTP**

Wall outlet with 1 unshielded RJ45 connector. Suitable for telephony and data applications. Fits in BTicino faceplates.

Characteristics:
- Frequency range: 0 - 250 MHz

Complies with:
- ISO/IEC 60603-7, connector
- ISO/IEC 11801, structured cabling
- EN 50173, structured cabling
- ISO/IEC 15018, residential cabling

ABI-WA2201S00: compatible Living Intl, black
ABI-WA2231S00: compatible Light Tech, silver
ABI-WA2251S00: compatible Light, white
ABI-WA2271S00: compatible magic, ivory
ABI-WA2281S00: compatible Axolute, dark grey
ABI-WA2291S00: compatible Axolute, light grey

WxHxD (mm): 22x47x55

0,012 kg

Individually packaged

ABI-WA23x2S00**Wall Outlets half mosaic - RJ45 OmniMedia HD**

Wall outlet with 1 shielded OmniMedia RJ45 connector behind a dust shutter. Suitable for telephony, data and audio/video/TV applications. Fits in standard faceplates with a mosaic cut-out of 45x45mm.

The HD connector distinguishes from its predecessor by an unmatched EMC shielding efficiency throughout the UHF range, allows cable termination without dedicated tooling and the simplified colour coding reduces wiring errors.

Characteristics:
- Frequency range: 0 - 862 MHz
- Dust shutter

Complies with:
- ISO/IEC 60603-7, connector
- ISO/IEC 11801, structured cabling
- EN 50173, structured cabling
- ISO/IEC 15018, residential cabling

ABI-WA2302S00: white
ABI-WA2322S00: ivory

WxHxD (mm): 22,5x45x45

0,037 kg

Individually packaged

ABI-WA23x1S00**Wall Outlets half mosaic - RJ45 UTP**

Wall outlet with 1 unshielded RJ45 connector behind a dust shutter. Suitable for telephony and data applications. Fits in standard faceplates with a mosaic cut-out of 45x45mm.

Characteristics:

- Frequency range: 0 - 250 MHz
- Dust shutter

Complies with:

- ISO/IEC 60603-7, connector
- ISO/IEC 11801, structured cabling
- EN 50173, structured cabling
- ISO/IEC 15018, residential cabling

ABI-WA2301S00: white

ABI-WA2321S00: ivory

WxHxD (mm): 22,5x45x45

0,016 kg

Individually packaged

ABI-WA139xS00**Wall outlet blind plate - half mosaic**

Blind plate - comes in lieu of a wall outlet of the ABI-WA23xx series.

ABI-WA1390S00: white

ABI-WA1391S00: ivory

WxHxD (mm): 22,5x45x10

0,007 kg

Individually packaged

ABI-WA1010S00**Wall outlet faceplate & mounting ring for mosaic connectors - white**

Faceplate and mounting ring for mosaic connectors of 45x45mm or two connectors of 22,5x45mm (eg connectors and blind plate of the ABI-WA13xx or WA23xx series).

Characteristics:

- Plastic colour: white RAL9010
- Cutout 45x45mm (or 2x 22,5x45mm)

WxHxD (mm): 80x80x12

0,024 kg

Individually packaged

ABI-WA25x2S00
Wall outlets compatible Euromod - RJ45 OmniMedia HD


Wall outlet with 1 shielded RJ45 OmniMedia HD connector behind a dust shutter. Suitable for telephony, data and audio/video/TV applications. Fits in standard faceplates with a Euromod cut-out of 50x50mm.

The HD connector distinguishes from its predecessor by an unmatched EMC shielding efficiency throughout the UHF range, allows cable termination without dedicated tooling and the simplified colour coding reduces wiring errors.

Characteristics:

- Frequency range: 0 - 862 MHz

Complies with:

- ISO/IEC 60603-7, connector
- ISO/IEC 11801, structured cabling
- EN 50173, structured cabling
- ISO/IEC 15018, residential cabling

ABI-WA2502S00: black

ABI-WA2552S00: white

WxHxD(mm): 25x50x45

0,039 kg

Individually packaged

ABI-WA25x1S00
Wall outlets compatible Euromod - RJ45 UTP


Wall outlet with 1 unshielded RJ45 connector behind a dust shutter. Suitable for telephony and data applications. Fits in standard faceplates with a Euromod cut-out of 50x50mm.

Characteristics:

- Frequency range: 0 - 250 MHz

Complies with:

- ISO/IEC 60603-7, connector
- ISO/IEC 11801, structured cabling
- EN 50173, structured cabling
- ISO/IEC 15018, residential cabling

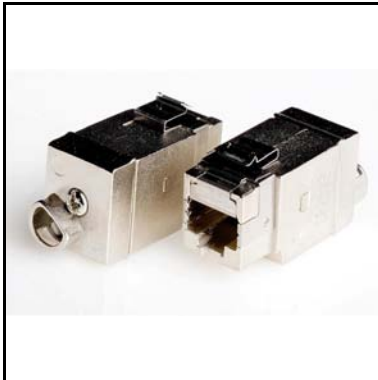
ABI-WA2501S00: black

ABI-WA2551S00: white

WxHxD(mm): 25x50x45

0,016 kg

Individually packaged

ABI-CP2002S00**Shielded RJ45 OmniMedia HD connector - keystone latch**

Shielded RJ45 OmniMedia HD connector to terminate universal OmniMedia cable (eg ABI-KP1003S00). Used for telephony, data, TV and audio/video applications. The HD connector distinguishes from its predecessor by an unmatched EMC shielding efficiency throughout the UHF range, allows cable termination without dedicated tooling and the simplified colour coding reduces wiring errors. The rear cover has a straight cable-entry. The straight cover can be substituted by a 90° cable-entry rear cover (ABI-CC2002S01). Standard keystone latch makes it compatible with a wide variety of faceplate brands and finishes (lists available on demand) or a keystone patch panel like ABI-HE3002S24.

Characteristics:

- Frequency range: 0 - 862 MHz
- Toolless installation
- Straight (180°) cable-entry rear cover
- Fits in 1HU 19" patchpanel ABI-HE3002S24

Complies with:

- ISO/IEC 60603-7, connector
- ISO/IEC 11801, structured cabling
- EN 50173, structured cabling
- ISO/IEC 15018, residential cabling

WxHxD (mm): 17,3x19,9x35,4

0,032 kg

Individually packaged

ABI-CP1001S00**RJ45 UTP connector - keystone latch**

Unshielded RJ45 connector to terminate UTP cable. Used for data and telephony applications. Standard keystone latch makes it compatible with a wide variety of faceplate brands and finishes (lists available on demand) or a keystone patch panel like ABI-HE3002S24.

Characteristics:

- Frequency range: 0 - 250 MHz
- Fits in 1HU 19" patchpanel ABI-HE3002S24

Complies with:

- ISO/IEC 60603-7, connector
- ISO/IEC 11801, structured cabling
- EN 50173, structured cabling
- ISO/IEC 15018, residential cabling

WxHxD (mm): 17,1x24x33,2

0,009 kg

Individually packaged

ABI-CX1003S00**F to F coax coupler - keystone latch**

F - F coax coupler in a keystone mounting frame. Standard keystone latch makes it compatible with a wide variety of faceplate brands and finishes (lists available on demand) or a keystone patch panel like ABI-HE3002S24.

Characteristics:

- Frequency range: 0 - 3 GHz
- Fits in 1HU 19" patchpanel ABI-HE3002S24

Complies with:

- IEC61169-24 F type

WxHxD (mm): 13,9x21,4x29,7

0,008 kg

Individually packaged

ABI-CX1004S00**IEC/M to F coax coupler - keystone latch**

IEC male - F coax coupler in a keystone mounting frame. Standard keystone latch makes it compatible with a wide variety of faceplate brands and finishes (lists available on demand) or a keystone patch panel like ABI-HE3002S24.

Characteristics:

- Frequency range: 0 - 1000 MHz
- Fits in 1HU 19" patchpanel ABI-HE3002S24

Complies with:

- IEC61169.2 (DIN 45325)
- IEC61169-24 F type

WxHxD (mm): 16,7x21,4x31,4

0,009 kg

Individually packaged

ABI-CF1011S00**ST to ST multimode fiber coupler - keystone latch**

Fiber optics simplex ST multimode feedthrough connector in a keystone bezel holder.

The device allows quick termination of fiber access, backbone or FTTH links in a user premise, industrial site, automation equipment, etc.

Standard keystone latch makes it compatible with a wide variety of faceplate brands and finishes (lists available on demand) or a keystone patch panel like ABI-HE3002S24.

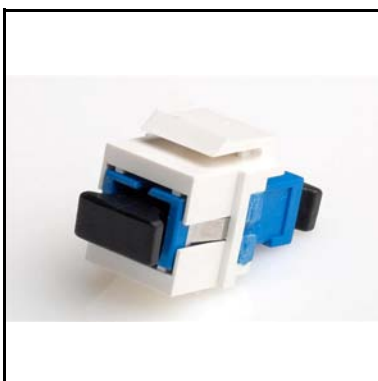
Characteristics:

- Fits in 1HU 19" patchpanel ABI-HE3002S24

WxHxD (mm): 13,9x21,4x29,7

0,009 kg

Individually packaged

ABI-CF1012S00**SC to SC multimode fiber coupler - keystone latch**

Fiber optics multimode simplex SC feedthrough connector in a keystone bezel holder.

The device allows quick termination of fiber access, backbone or FTTH links in a user premise, industrial site, automation equipment, etc.

Standard keystone latch makes it compatible with a wide variety of faceplate brands and finishes (lists available on demand) or a keystone patch panel like ABI-HE3002S24.

Characteristics:

- Fits in 1HU 19" patchpanel ABI-HE3002S24

WxHxD (mm): 13,9x21,4x29,7

0,009 kg

Individually packaged

ABI-CX1002S00-25**Coaxial male F crimp-on connector - 25pcs**

Coaxial male F connector to terminate ABI-KX1002S00 coax cable with crimp tool ABI-TA1005S00.

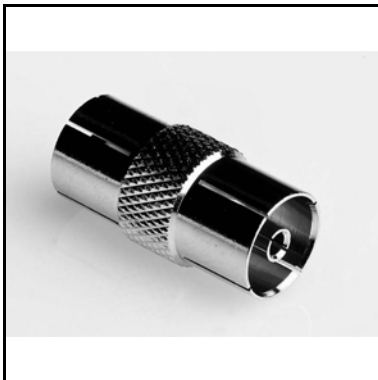
Use an appropriate crimping tool, hexagonal die size 8,23mm or 0,324"

Complies with:
- IEC61169-24 F type

Diam.xL(mm): 11x19,3

0,102 kg

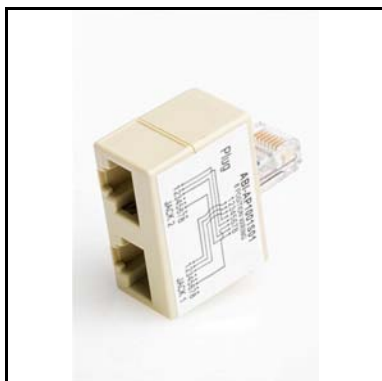
Bag of 25pcs

ABI-CX1005S00-25**Coaxial inline adapter - IEC/F to IEC/F - 25pcs**

Inline coax adapter to convert from IEC male to IEC female interface.

0 kg

Bag of 25 pcs

ABI-AP1001Sxx
Unshielded link splitter RJ45 plug to 2x RJ45 jack


Allows the shared use of one 4-pair cable link between two separate applications. A unit of the same type is required at both ends of the cable link.

Characteristics:
- RJ45 plug to 2 x RJ45 jack

Complies with:
- ISO/IEC 60603-7

ABI-AP1001S01: Data+Data (Ethernet+Ethernet)
ABI-AP1001S04: Phone + Data (Ethernet)
ABI-AP1001S05: Phone + Phone

WxHxD (mm): 23x33x37

0,012 kg

Individually packaged

ABI-AP1002Sxx
Shielded link splitter RJ45 plug to 2x RJ45 jack


Allows the shared use of one 4-pair cable link between two separate applications. A unit of the same type is required at both ends of the cable link.

Characteristics:
- RJ45 plug to 2 x RJ45 jack

Complies with:
- ISO/IEC 60603-7

ABI-AP1002S01: Data+Data (Ethernet+Ethernet)
ABI-AP1002S04: Phone + Data (Ethernet)
ABI-AP1002S05: Phone + Phone

WxHxD (mm): 148x25,7x45

0,039 kg

Individually packaged

ABI-AP1004S08
Shielded link splitter RJ45 jack to 4 x RJ45 jack


Splitter from one RJ45 jack to 4 RJ45 jacks. All pins of the RJ45 jack are copied 1 to 1 to the pins of the four RJ45 jacks. Can be used to put several high impedance devices in parallel. Do not use for Ethernet, video or TV applications.

Characteristics:
- RJ45 jack to 4 x RJ45 jack
- Alle pins copied 1 on 1

Complies with:
- ISO/IEC 60603-7

WxHxD (mm): 86,4x25,7x46,1

0,058 kg

Individually packaged

ABI-AP1004S09**Shielded link splitter RJ45 jack to 4 x RJ45 jack (phone)**

Splitter from one RJ45 jack to 4 RJ45 jacks. Each pair of the RJ45 jack is copied to pair 1 (pins 4&5) of the 4 RJ45 jacks. Can be used to connect four phones over a single cable link. Do not use for Ethernet, video or TV applications.

Characteristics:

- RJ45 jack to 4 x RJ45 jack (4 x phone)

Complies with:

- ISO/IEC 60603-7

WxHxD (mm): 86,4x25,7x46,1

0,058 kg

Individually packaged

ABI-AP1006Sxx**Serial adapter RJ45 jack to DB9 or DB25**

Adapter to connect a printer or PC (e.g. for a point-of-sale system) with a serial interface (RS-232C) to a universal OmniMedia wall outlet by means of a standard RJ45-RJ45 connection lead.

ABI-AP1006S01: RJ45 jack to DB9 male

ABI-AP1006S02: RJ45 jack to DB9 female

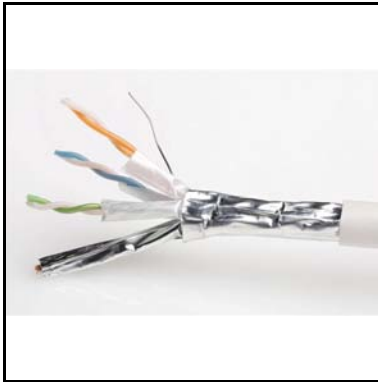
ABI-PC1006S03: RJ45 jack to DB25 male

ABI-PC1006S04: RJ45 jack to DB25 female

WxHxD (mm): 55x15,8x45

0,029 kg

Individually packaged

ABI-KP1003S00-xxx**Universal 4 pair OmniMedia cable**

Quad-shielded 4 pair cable with one pair optimised for wideband signals. Suitable for high-speed data (up to Gigabit Ethernet), telephony, and wideband audio/video/TV applications. Reduced diameter and bending radius facilitate cable laying and termination in wall boxes. Can also be delivered in flex tube of 16mm O.D. Under part. nr. ABI-KP1003S01.

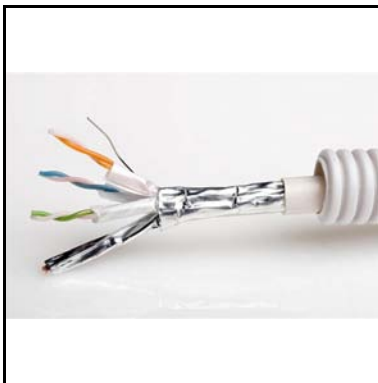
Characteristics:
 Frequency range:
 - Pair 4: 0 - 862 MHz (30m)
 - Pairs 1,2,3: 0 - 250 MHz (90m)

Complies with:
 - ISO/IEC 11801 structured cabling
 - ISO/IEC 15018 residential cabling
 - EN50083-2 Class B 2002 tv cabling
 - EN 50177 cable
 - Directives: 89/336/EEC; 92/31/EEC

ABI-KP1003S00-100: 100m spool - 5,2kg
 ABI-KP1003S00-300: 300m reel - 17,2kg - diam.40cm - width 23cm
 ABI-KP1003S00-500: 500m reel - 29,8kg - diam 48cm - width 29cm

Diam.(mm): 7,2

kg

ABI-KP1003S01-xxx**Universal 4 pair OmniMedia cable in flextube**

Corrugated 16mm O.D. flex tube pre-equipped with quad-shielded 4 pair cable with one pair optimised for wideband signals. Suitable for high-speed data (up to Gigabit Ethernet), telephony, and wideband audio/video/TV applications. Reduced diameter and bending radius facilitate cable laying and termination in wall boxes. Can also be delivered as bare cable under part. Nr. ABI-KP1003S00.

Characteristics:
 Frequency range:
 - Pair 4: 0 - 862 MHz (30m)
 - Pairs 1,2,3: 0 - 250 MHz (90m)

Standards compliance:
 - ISO/IEC 11801 structured cabling
 - ISO/IEC 15018 residential cabling
 - EN50083-2 Class B 2002 tv cabling
 - EN 50177 cable
 - Directives: 89/336/EEC; 92/31/EEC

ABI-KP1003S00-100: 100m spool - 9,2kg
 ABI-KP1003S00-250: 250m reel - 30,4kg - diam.63cm - width 42cm
 ABI-KP1003S00-500: 500m reel - 58,0kg

Tube Diam.(mm): 16

kg

ABI-KX1002S00-305**Tri-shield wideband coax cable - 305m reel**

Tri-shield wideband RG6-type coax cable, with high screening efficiency and low loss, particularly suited for TV and SAT aerial links. Terminated with ABI-CX1002S00 coax crimpable connector.

Characteristics:

- Frequency range: 0 - 2,5 GHz
- RG6 type, PVC jacket
- Triple high efficiency shielding, 60% braid
- Low attenuation

Complies with:

- ISO/IEC 15018

Diam.(mm): 7,1

18 kg

Reel 305m

ABI-HE2005Sxx
Xplore economical cabinets - 25cm wide


Comm Center cabinet in polymer for wall surface mounting.
Models -S22, -S33 and -S44 are fully equipped with DIN rails.
Suitable for small size projects or narrow spaces (25cm width)

This product is only available in France and The Netherlands

- Characteristics:
- Colour: RAL 7035
 - Cabling depth: 30mm
 - Width: 250mm
 - Front door not included

ABI-HE2005S22: 2 DIN rails - 26 DIN positions - 250x375x94mm - 0,85kg
ABI-HE2005S33: 3 DIN rails - 39 DIN positions - 250x500x94mm - 1,10kg
ABI-HE2005S44: 4 DIN rails - 52 DIN positions - 250x625x94mm - 1,40kg

WxD (mm):

0 kg

ABI-HE2005Sxy
Xplore economical cabinets - 25cm wide - with mounting board


Comm Center cabinet in polymer for wall surface mounting.
Models -S13 and -S24 are equipped with DIN rails and an expanded pvc board of 24x26cm to mount third party electronics like switches, hubs, routers,...The mounting board has a raster screenprint to simplify positioning of the equipment. It is easy to drill into, equipment can be fitted with tie-wraps or self-tapping screws
Suitable for small size projects or narrow spaces (25cm width)

This product is only available in France and The Netherlands

- Characteristics:
- Colour: RAL 7035
 - Cabling depth: 30mm
 - Width: 250mm
 - Front door not included
 - Mounting board 236x260mm

ABI-HE2005S13: 1 DIN rail - 13 DIN positions - 250x500x94mm - 1,10kg
ABI-HE2005S24: 2 DIN rails - 26 DIN positions - 250x625x94mm - 1,40kg

0 kg

ABI-HE2001Sxx
Xpress multifunctional cabinets - 35cm wide - with plexi door


Comm Center cabinet in polymer for wall surface mounting or partially recessed mounting. Fitted with DIN-rails, frontpanel and smoked transparent door. Suitable for small to medium size projects.
On the -S22, -S33, -S44 models the frontpanels and side cover of the cabinet can be removed while patch cords stay in place, facilitating add-ons and changes with the system up and running.

- Characteristics:
- Colour: RAL 7035
 - Cabling depth: 30mm
 - Patch depth: 45mm
 - Removable front frame
 - Removable coverplates

Complies with:

- EN 60493-3
- IP40-7

ABI-HE2001S22: 2 DIN rails - 36 DIN positions - 355x450x142mm - 3,5kg
ABI-HE2001S33: 3 DIN rails - 54 DIN positions - 355x600x142mm - 4,5kg
ABI-HE2001S44: 4 DIN rails - 72 DIN positions - 355x750x142mm - 5,5kg

kg

Individually packaged

ABI-HE2001Sxy
Xpress multifunctional cabinets - 35cm wide - with mounting board & plexi door


Comm Center cabinet in polymer for wall surface mounting or partially recessed mounting. Fitted with DIN-rails, frontpanel and smoked transparent door. Suitable for small to medium size projects. On the -S13 and -S24 models a 340x340mm mounting board is provided to mount third-party equipment like routers, switches, amplifiers, etc.

Characteristics:

- Colour: RAL 7035
- Cabling depth: 30mm
- Patch depth: 45mm
- Removable front frame
- Removable coverplates
- Smoked plexi front door
- Mounting board 340x340mm

Complies with:

- EN 60493-3
- IP40-7

ABI-HE2001S13: 1 DIN rail - 18 DIN positions - 355x600x142mm - 4,5kg

ABI-HE2001S24: 2 DIN rails - 36 DIN positions - 355x750x142mm - 5,5kg

0 kg

Individually packaged

ABI-HE1004Sxx
Xpert metal surface mount cabinet


Comm Center cabinet in metal for wall surface mounting. Fitted with DIN-rails, frontpanel and smoked transparent door. Suitable medium to large home projects.

Characteristics:

- Colour: RAL 7035
- Cabling depth: 45mm
- Patch depth: 85mm

Complies with:

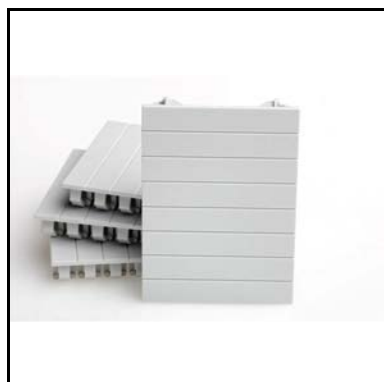
- IP41-7

ABI-HE1004S04: 4 DIN rails - 96 DIN positions - 550x650x215mm - 14,5kg

ABI-HE1004S05: 5 DIN rails - 120 DIN positions - 550x800x215mm - 17,5kg

ABI-HE1004S06: 6 DIN rails - 144 DIN positions - 550x950x215mm - 20,0kg

kg

ABI-HE1090S04
Cabinet blind plate - 4 DIN positions - pack of 4


Blind plate to cover spare positions in a Comm Center cabinet. A blindplate can be split into 4 pieces, each one DIN position wide.

Characteristics:

- 4 DIN positions wide
- Can be split in 4 pieces, 1 DIN position each

WxHxD(mm): 71,6x52x11

0,042 kg

Bag of 4pcs

ABI-HE3001S00**19 inch 3HU mounting frame with internal DIN-rail**

19" 3HU mounting frame fitted with an internal 22 position DIN-rail. Allows the use of DIN-rail based electronic modules and connectors in 19" cabinets and racks. The front panel can be removed independently from the chassis to allow quick changes to the system composition.

Characteristics:

- 22 positions DIN-rail
- Painted steel finish
- Independently removable frontpanel

WxHxD(mm): 485x134x70

1,1 kg

Individually packaged

ABI-HE3002S24**19 inch 1HU empty patchpanel for 24 keystone connectors**

19" 1HU empty patch panel for up to 24 keystone type connectors.

The panel can be used to create a customised combination of RJ45 jacks, coaxial couplers and fiber couplers.

Each panel is supplied with a pre-drilled rear-mounted bracket to bind the installation cables with a tie-wrap.

Characteristics:

- 24 keystone positions
- Painted steel, black finish
- Removable rear-mounted cable bracket

WxHxD(mm): 485x44x75

0,8 kg

Individually packaged

ABI-HE3004S00**19 inch 1HU Ring Run Patch cord organiser**

19" 1HU panel fitted with metal organiser rings. Patch cords can be neatly routed from a patch panel to the side of the cabinet and then back to another patch panel or an active device.

WxHxD(mm): 485x44x60

0,41 kg

Individually packaged

ABI-HE3006S00**19 inch Set of cage-nuts, screws, washers**

19 inch set of cage-nuts, screws, washers to mount patchpanels ABI-HE3001S00 or ring-run organisers ABI-HE3004S00 on a 19" chassis.

Characteristics:
- 50 screws M6x16
- 50 cage-nuts M6
- 50 washers

0,5 kg

1 kit

ABI-PE1002S00
Mains power switch for Comm Center


Double-throw mains circuit switch with light indicator to power-off all electronic modules in the Comm Center cabinet. Can be used to activate the video test pattern and audio pilot tone the of RF modulator ABI-EV1017S00.

Characteristics:

- Double-throw 240VAC - 16A
- Light indicator
- DIN-rail mounting - 1 std position wide

Complies with:

- NBN EN 60669-1
- NBN EN 60669
- VDE 0632 deel 1
- CE

WxHxD (mm): 18x86x70

0,07 kg

Individually packaged

ABI-PS1001S00
Quadruple 5VDC - 4A power supply


5VDC-4A power supply to feed a max. of 4 electronic service modules (and/or the IR-Bus). Equipped with 4 connectorised low-voltage output leads and a 240V mains lead of 45cm.

Characteristics:

- Switchmode power supply
- Input 100-240VAC, max 600mA
- Output 5VDC, max 4000mA on 4 separate leads
- 50/60 Hz
- Supplied with mounting bracket & mains lead

Complies with:

- UL, CSA, CE, TÜV
- EN5022 Class B, Emission
- EN55022, EN550024, Safety
- IEC61000-4-2, IEC61000-4-3, Safety
- IEC61000-4-4, IEC61000-4-5, Safety
- Applicable directives : 89/336/EEC; 92/31/EEC; 73/23/EEC LVD

WxHxD (mm): 110x50x32

0,365 kg

Individually packaged

ABI-PC1002Sxx
Shielded OmniMedia patch cord for Comm Center


Shielded universal OmniMedia patch cord that is used in the Comm Center cabinet. Used for data (up to Gigabit Ethernet), telephony and wideband Audio/Video/TV.

- Characteristics:
- RJ45 plug to RJ45 plug
 - Frequency range: 0 - 862 MHz
 - High-grade shielding

- Complies with:
- ISO/IEC 60603-7
 - ISO/IEC 11801
 - ISO/IEC 15018

ABI-PC1002S45: 45cm - 0,030kg
 ABI-PC1002S60: 60cm - 0,034kg
 ABI-PC1002S75: 75cm - 0,040kg

kg Individually packaged

ABI-PC1008S65
Shielded OmniMedia patch cord for Comm Center cabinet - IR-Bus power lead


Shielded OmniMedia patch cord for Comm Center cabinet with an integrated low-voltage power lead. Often used with a baseband A/V link consisting of two ABI-AS1002S00 SCART adapters, an ABI-AR1001S00 or ABI-AR1003S00 infrared receiver and a ABI-AR1002S00 infrared transmitter. The power lead fits into feedthrough power connector ABI-DC1005S00.

- Characteristics:
- RJ45 plug to RJ45 plug
 - Frequency range: 0 - 862 MHz
 - High-grade shielding
 - Integrated low-voltage power lead

- Complies with:
- ISO/IEC 60603-7
 - ISO/IEC 11801
 - ISO/IEC 15018

L (cm): 65 0,051 kg Individually packaged

ABI-PC1001Sxx
Unshielded RJ45-RJ45 patch cord for Comm Center


Unshielded patch cord that is used in the Comm Center cabinet. Used for data (up to Gigabit Ethernet) and telephony.

- Characteristics:
- RJ45 plug to RJ45 plug
 - Frequency range: 0 - 250 MHz

- Complies with:
- ISO/IEC 60603-7
 - ISO/IEC 11801
 - ISO/IEC 15018

ABI-PC1001S45: 45cm - 0,026kg
 ABI-PC1001S60: 60cm - 0,032kg
 ABI-PC1001S75: 75cm - 0,036kg

kg Individually packaged

ABI-PC1003Sxx**Coax F - F patch cord for Comm Center cabinet**

Coax F-F patch cord that is used in the Comm Center cabinet for CaTV, video and satellite applications.

Characteristics:

- F male to F male connector
- Frequency range: 0.3 GHz
- High-grade shielding

Complies with:

ABI-PC1003S45: 45cm - 0,043kg
ABI-PC1003S60: 60cm - 0,044kg
ABI-PC1003S75: 75cm - 0,045kg

kg

Individually packaged

ABI-PC1012Sxx**Shielded OmniMedia RJ45 - RJ45 connection cord**

Shielded universal OmniMedia connection cord. Used for data (up to Gigabit Ethernet), telephony and wideband Audio/Video/TV.

Characteristics:

- RJ45 plug to RJ45 plug
- Frequency range: 0 - 862 MHz
- High-grade shielding

Complies with:

- ISO/IEC 60603-7
- ISO/IEC 11801
- ISO/IEC 15018

ABI-PC1012S01: 1,5m - 0,074kg

ABI-PC1012S03: 3,0m - 0,131kg

ABI-PC1012S05: 5,0m - 0,221kg

kg

Individually packaged

ABI-PC1004Sxx**Unshielded RJ45 - RJ45 connection cord for phone & data**

Unshielded twisted pair connection cord for data (up to Gigabit Ethernet) and telephony applications

Characteristics:

- RJ45 plug to RJ45 plug
- Frequency range: 0 - 250 MHz

Complies with:

- ISO/IEC 60603-7
- ISO/IEC 11801
- ISO/IEC 15018

ABI-PC1004S01: 1,5m - 0,063kg

ABI-PC1004S03: 3,0m - 0,112kg

ABI-PC1004S05: 5,0m - 0,179kg

kg

Individually packaged

ABI-PC1005Sxx**Unshielded RJ45 - RJ11 connection cord**

Unshielded 2-pair RJ45 - RJ11 connection cord for fax, modem and phone.

Characteristics:

- RJ45 plug to RJ11 plug
- Frequency range: 0 - 250 MHz

Complies with:

- ISO/IEC 60603-7
- ISO/IEC 11801
- ISO/IEC 15018

ABI-PC1005S01: 1,5m - 0,063kg

ABI-PC1005S03: 3,0m - 0,112kg

ABI-PC1005S05: 5,0m - 0,179kg

kg

Individually packaged

ABI-PC1006Sxx**IEC coax connection cord for TV, video and radio**

Wideband coaxial cord to connect a TV set, videorecorder or tuner's antenna input.

Characteristics:

- IEC male to IEC female connector
- Frequency range: 0 - 1000 MHz

Complies with:

- IEC61169.2 (DIN 45325)

ABI-PC1006S01: 1,5m - 0,063kg

ABI-PC1006S03: 3,0m - 0,112kg

ABI-PC1006S05: 5,0m - 0,179kg

kg

Individually packaged

ABI-TA1001S00**IDC tool to mount twisted pair connectors**

Economic handheld tool to insert the wires of twisted pair cables in the IDC contacts of RJ45 connectors.

Characteristics:

Used for twisted pair connectors of series:

- ABI-CP1001S00
- ABI-DC1001S00
- ABI-WA2xx1S00
- ABI-WA15x1S00

WxHxD(mm): 40x103x5

0,008 kg

Individually packaged

ABI-TA1002S00**Wire Cutting Pliers to mount twisted pair connectors**

Economic cutters to trim the wires of twisted pair cables.

WxHxD(mm): 68x128x12

0,08 kg

Individually packaged

ABI-TT1002S00

Wiremap tester for RJ45 links & F coax links



Quick check of correct termination of transmission links. For installation work or troubleshooting.

Characteristics:

- Checks inversions & shorts on wires and shield of:
- UTP, FTP, STP, OmniMedia RJ45 links
- F coax links
- LED indicators
- 9V battery

WxHxD(mm): 94x114x30

0,22 kg

Individually packaged

ABI-TT1003S12

RF pocket size tester for amplifiers ABI-EV1002S00 and ABI-EV1012S00



RF pocket size tester to finetune the optimum working point of the ABI-EV1002S00 and ABI-EV1012S00 twisted pair broadband amplifiers.

The device consists of a RF power meter with a led indicator.

The green or red status of the led indicator will allow the installer to put the amplifier in its optimum working point, thereby guaranteeing that sufficient power is available to feed the OmniMedia links and also ensuring that minimal intermodulation distortion occurs in the amplifier for a perfect picture quality.

Characteristics:

- Ensures properly adjusted TV links
- Simple red/green indication of optimum setpoint
- No extra tools or adapters required

WxHxD (mm): 16,7x33,2x52,2

0,05 kg

Individually packaged

ABI-MK100xS00
Digital Music System - Kits



ABI-MM1001S00: DMS kit Mono 6Watt for kitchen & bathroom
 ABI-MM1002S00: DMS kit Stereo 2x6Watt for lounge, bedroom, study

These kits, presented in a reusable semi-transparent plastic toolcase, contain all the components to install a standalone Digital Music System in a room.

Despite the compact size of the humidity-resistant speakers, the sound is full and pleasing even in medium size or noisy rooms.

- Contents of the kit for mono (between brackets for stereo):
- Radio & Control Module (RCM) ABI-MM1000SWH (white)
 - 1 (2) Amplifier module(s) 6Watt ABI-MM1001S06
 - 1 (2) In-wall Loudspeaker(s) 9Watt ABI-MM5101S09
 - 3,5mm stereo jack for wall outlet
 - Mounting Kit for RCM (white)
 - Set of speaker and interconnection cables
 - Semi-transparent toolcase

0 kg

ABI-MM1000Sxx
Digital Music System - Radio & Control Module



The DMS Radio & Control Module fits in a double wall backbox. It incorporates a high-sensitivity FM RDS tuner with built-in clock radio and sleep function. The unit can be manually tuned into a station or scanned for the next station in the range. The name of the radio station is shown on the backlit LCD display.

The Radio & Control Module can furthermore select one of two extra audio inputs, like a local MP3 player, a local CD player or network music.

The unit sends volume-controlled audio to a pair of power amplifiers feeding the on-wall, in-wall or in-ceiling speakers.

- Characteristics:
- FM stereo tuner:
- * 87,5-108,0 MHz
 - * SNR (mono): 65dB A weighted
 - * Station name from Radio Data System
 - * Phase Locked Loop digital tuner
 - * Digital station scanning
 - * Digital volume control
- Audio line level specs:
- * Input voltage max. 2,0V RMS
 - * Output voltage 0 - 2,0V <RMS
 - * SNR: 80dB A weighted
 - * Channel separation: > 60dB
 - * Power consumption: < 1W
 - * Power supply voltage: 12V DC

ABI-MM1000S00: silver frontpanel
 ABI-MM1000SWH: white frontpanel

WxHxD (mm): 64x44x25

0,1 kg

Individually packaged

ABI-MM1001S06
Digital Music System - Amplifier module 6 Watt RMS


The HiFi amplifier boosts the music signal coming from the DMS Radio & Control unit and can be fitted in the close proximity of the in-wall or in-ceiling speaker. Alternatively it can be housed in a central comms cabinet. The unit is a single building block with built-in mains power supply. The amplifier's power supply also feeds the Radio & Control module with 12V DC power. A pair of 6 Watt amplifiers are adequate to provide a medium size room and high quality speakers with true HiFi stereo sound.

Characteristics:
Amplifier:

- * Mono integrated solid state amplifier
- * 6 Watt RMS output power into 4 Ohm load
- * Short-circuit proof output
- * Thermal protection
- * Power bandwidth: 40Hz - 15kHz
- * THD: 0,15% @ 1W

Power supply:

- * 220V AC mains input
- * 12V DC output (for ABI-MM1000Sxx Radio & Control Unit)

WxHxD (mm): 110x54x75

0,4 kg

Individually packaged

ABI-MM1001S22
Digital Music System - Amplifier module 22 Watt RMS


The HiFi amplifier boosts the music signal coming from the DMS Radio & Control Module and can be fitted in the close proximity of the in-wall or in-ceiling speaker. Alternatively it can be housed in a central comms cabinet. The unit is a single building block with built-in mains power supply. The amplifier's power supply also feeds the Radio & Control Module with 12V DC power. A pair of 22 Watt amplifiers are adequate to provide a large room and high quality speakers with true HiFi stereo sound.

Characteristics:
Amplifier:

- * Class B mono integrated solid state amplifier
- * 22 Watt RMS output power into 4 Ohm load
- * Short-circuit proof output
- * Thermal protection
- * Electro Static Discharge protection
- * Power bandwidth: 35Hz - 15kHz
- * THD: 0,1% @ 1W

Power supply:

- * 220V AC mains input
- * 12V DC output (for ABI-MM1000Sxx Radio & Control Unit)

WxHxD (mm): 140x80x90

0,98 kg

Individually packaged

ABI-WA2xy7S00
Wall outlet module with 3,5mm stereo jack


This range of 3,5mm stereo jack wall outlet modules is suited to connect an external music source (MP3 player, CD player, hifi chain,...) to one of the auxiliary inputs of the ABI-MM1000Sxx DMS Radio & Control unit.
Adapters are provided to ensure compatibility with most styles of faceplates of the major vendors.

Characteristics:

- keystone insert
- 2 meter coaxial stereo pigtail
- 3,5mm stereo jack

ABI-WA2107S00: compatible Niko Pure, Intense, original
 ABI-WA2207S00: compatible bTicino Living Intl, black
 ABI-WA2237S00: compatible bTicino Light Tech, silver
 ABI-WA2257S00: compatible bTicino Light, white
 ABI-WA2277S00: compatible bTicino Magic, ivory
 ABI-WA2287S00: compatible bTicino Axolute, dark grey
 ABI-WA2297S00: compatible bTicino Axolute, light grey
 ABI-WA2307S00: compatible half mosaïque, white
 ABI-WA2327S00: compatible half mosaïque, ivory
 ABI-WA2507S00: compatible Euromod, black
 ABI-WA2557S00: compatible Euromod, white

0 kg

Individually packaged

ABI-MM1002S05
Digital Music System - Master Control Module - 5 zones


The DMS Master Control Module allows you to create a simple multiroom audio system by interconnecting the Radio & Control Modules from different rooms. Each RCM can listen to either its built-in FM tuner, to a local music source (input1) or to music coming from the Master Control Module (input2). One of the five zones can be designated master zone. For each zone an individual central music source can be plugged in and override the function of the master zone. Connections to the RCM's and to the amplifiers are through RJ45 ports, greatly simplifying the installation work.

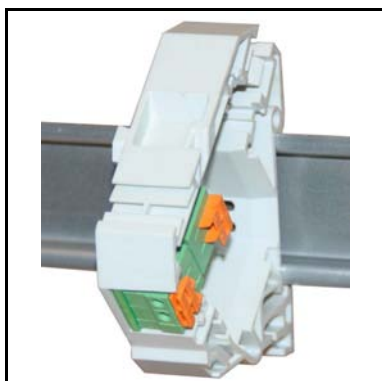
Characteristics:

- * 5 amplifier ports on RJ45 jack
- * 5 RCM ports on RJ45 jack
- * 5 central stereo inputs on 3,5mm stereo jack
- * 1 central stereo master output on 3,5mm stereo jack
- * all inputs & outputs line level stereo
- * no extra power supply required
- * DIN-rail mount - 9 std positions wide

WxHxD (mm): 157x80x65

0,7 kg

Individually packaged

ABI-DC3011S00
DIN rail Double Speaker Terminal with spring-loaded contacts


DIN-rail mounted speaker terminal to terminate standard speaker cable up to 2x2mm² in a DIN-rail cabinet. Perfectly suited to prewire a home for stereo or surround multiroom audio. The spring loaded contacts accept solid or stranded wires and retain good contact even in case of wire sagging.
Quick connection: strip and insert.

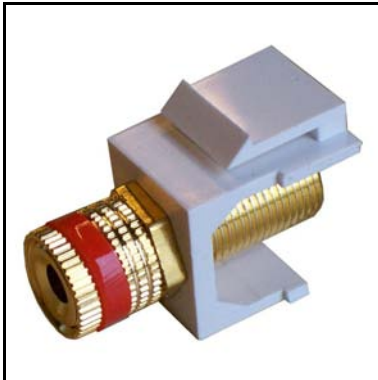
Characteristics:

- Rear interface:
bare wire or bushing up to 2x2mm²
 Front interface:
bare wire or bushing up to 2x2m²
 Spring loaded contacts
 1 DIN position wide
 Standard DIN-rail holder fits in cabinets like:
 ABI-HE10xx series, ABI-HE20xx series

WxHxD (mm): 17,8x80x65

0,031 kg

Individually packaged

ABI-CS3001SRD**Keystone Speaker Terminal - Goldplated - Red ring**

Keystone speaker terminal to terminate standard 1,5mm² to 6mm² speaker wire in wall outlet faceplates and patchpanels. Perfectly suited to prewire a home for stereo or surround multiroom audio. The strong gold plating guarantees long lasting corrosion free contact. Quick connection by screw-down or plug-in terminals. Front ring with a red band to identify the speaker wire polarity.

Characteristics:**Rear interface:**

bare wire or bushing 1,5mm² to 6mm² (AWG9 to 15)

Front interface:

- 4mm banana plug
- bare wire or bushing
- spade terminal

Gold plated

Red identification ring

Standard "Keystone" insert format fits in:

- standard keystone wall outlet faceplates
- keystone patchpanels like ABI-HE3002S24

0,015 kg

Individually packaged

ABI-CS3001SBK**Keystone Speaker Terminal - Goldplated - Black ring**

Keystone speaker terminal to terminate standard 1,5mm² to 6mm² speaker wire in wall outlet faceplates and patchpanels. Perfectly suited to prewire a home for stereo or surround multiroom audio. The strong gold plating guarantees long lasting corrosion free contact. Quick connection by screw-down or plug-in terminals. Front ring with a black band to identify the speaker wire polarity.

Characteristics:**Rear interface:**

bare wire or bushing 1,5mm² to 6mm² (AWG9 to 15)

Front interface:

- 4mm banana plug
- bare wire or bushing
- spade terminal

Gold plated

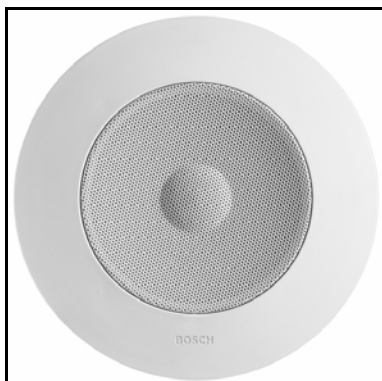
Black identification ring

Standard "Keystone" insert format fits in:

- keystone wall outlet faceplates
- keystone patchpanels like ABI-HE3002S24

0,015 kg

Individually packaged

ABI-MM5101S09
Speaker Round - Ceiling mount - 9W - 60Hz to 18kHz


The ABI-MM5101S09 is a compact round 9 Watt RMS ceiling or panel loudspeaker with excellent audio performance at an unbeatable price/performance ratio. The clear sound image makes it ideal for areas with lots of background noise. The loudspeaker is IPx4 water protected from the front so it can be installed in humid environments like kitchens, bathrooms, saunas, atriums and swimming pool areas. It is easy to install with its integral mounting clips and is finished in an attractive off-white color. The discrete styling of this loudspeaker complements today's interior lighting. This speaker is a good match with the ABI-MM1001S06 amplifiers.

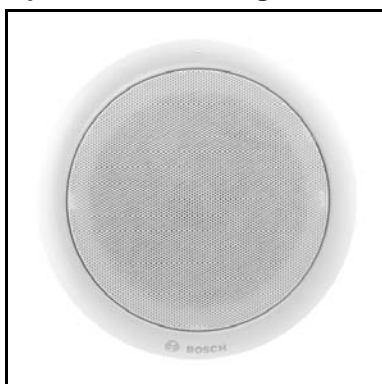
Maximum power: 9 Watt RMS
 SPL at 6 W / 1 W (1 kHz, 1 m): 96 dB / 88 dB
 Frequency range (-10dB): 60 Hz to 18 kHz
 Opening angle at 1 kHz/4 kHz (-6 dB): 170° / 80°
 Rated impedance: 4 Ohm
 Diameter 160 mm (6.30 inch)
 Maximum depth 95 mm (3.74 inch)
 Ceiling thickness 9 to 25 mm (0.35 to 0.98 inch)
 Mounting cut-out 145 mm (5.71 inch)
 Speaker diameter 101.6 mm (4 in)
 Color off-white (RAL 9010)
 Operating temperature: -25 °C to +55 °C (-13 °F to +131 °F)
 Storage temperature: -40 °C to +70 °C (-40 °F to +158 °F)
 Relative humidity: <95%

Safety acc. to EN 60065
 Water protected acc. to EN 60529, IPx4

DiaxD (mm): 160x60

0,75 kg

Individually packaged

ABI-MM5102S12
Speaker Round - high Q - Ceiling mount - 12W - 55Hz to 20kHz


The ABI-MM5102S12 round ceiling or panel speaker stands for excellent speech and music reproduction in larger spaces like lounge or meeting room. The high performance 12 Watt RMS coaxial loudspeaker drivers ensure a very neutral sound image, even at higher volume levels. This speaker is a good match with the ABI-MM1001S22 amplifiers.

Complementary components:
 ABI-MM5102SMR: mounting ring
 ABI-MM5102SBB: acoustical backbox

Maximum power: 12 Watt RMS
 SPL at rated power / 1 W (1 kHz, 1 m): 100 dB / 89 dB
 Opening angle at 1 kHz / 4 kHz (-6 dB): 180° / 64°
 Frequency range (-10 dB): 55 Hz to 20 kHz
 Rated impedance: 4 Ohm
 Diameter 220 mm (8.67 in)
 Maximum depth 111 mm (4.37 in)
 Color White (RAL 9010)
 Material (frame / front grille): Steel
 Weight 1.3 kg (2.86 lb)

Safety according to EN 60065
 UL listed 1480/2043

DiaxD (mm): 220x65

1,4 kg

Individually packaged

ABI-MM5102SBB

Acoustic BackBox for speaker MM5102S12



On top of the mounting ring, provisions are present to "click-on" the optional back box. The combination of mounting ring and back box prevents sound traveling via the ceiling cavity to adjacent areas, and fully protects the loudspeaker from dust, falling objects. The back box has knock out holes for two grommets (11 mm/0.80 in) and for two cable glands (20.5 mm/0.80 in).

Characteristics:

- Material ABS
- Color White (RAL 9010)
- Mounting recess depth: 130mm (combined with ABI-MM5102SMR)

DiaxD (mm): 196x70

0,2 kg

Individually packaged

ABI-MM5102SMR

Mounting ring for speaker MM5102S12



The ABS Mounting Ring has two screw driving clamps to fix the mounting ring into the ceiling board. Inside the ring, two spring catchers (for accepting the V-shaped loudspeaker springs) are provided.

Characteristics:

- Dimensions 215 x 65 mm
- Mounting cut-out 198 mm
- Mounting recess depth: 65mm (without ABI-MM5102SBB)
- Mounting recess depth: 130mm (with ABI-MM5102SBB)
- Material Steel ABS
- Color Zinc plated White (RAL 9010)
- Weight 210g

DiaxD (mm): 196x65

0,25 kg

Individually packaged

ABI-MM5201S09

Rectangular In-wall two-way speaker - 9W - 75Hz to 18kHz



The rectangular panel speaker ABI-MM5201S09 has a maximum power rating of 9 Watt RMS. It is a two-way speaker set with separate woofer and tweeter, the result is a surprisingly open and spacial sound image. Therefore these panels are the preferred choice when a precise stereo or surround image is required.

The elegant off-white (RAL 9010) panel speaker is equipped with a perforated metal grill. It can be flush-mounted into rectangular cutouts in cavity walls, ceilings, furniture or custom-made cabinets.

Max power: 9 Watt RMS

SPL at 6 W / 1 W (1 kHz, 1 m): 96 dB / 88 dB

Frequency range (-10 dB): 75 Hz to 18 kHz

Opening angle 1 kHz / 4 kHz (-6 dB):

* horizontal 160° / 85°

* vertical 180° / 100°

Nominal impedance: 4 Ohm

Dimensions (H x W x D) 165 x 284 x 59.5 mm (6.49 x 11.18 x 2.34 inch)

Mounting cut-out (H x W) 143 x 238 mm (5.63 x 9.37 inch)

Weight 1.2 kg (2.64 lb)

Color White (RAL 9010)

Dimensions (H x W x D) 165 x 284 x 60 mm (6.49 x 11.18 x 2.34 inch)

Mounting cut-out: 143 x 238 mm (5.63 x 9.37 in)

Color White (RAL 9010)

Weight 1,2kg (2.64 lb)

Operating temperature -25 °C to +55 °C (-13 °F to +131 °F)

Storage temperature -40 °C to +70 °C (-40 °F to +158 °F)

Relative humidity <95%

Safety acc. to EN 60065

Self-extinguishing acc. to UL 94 V0

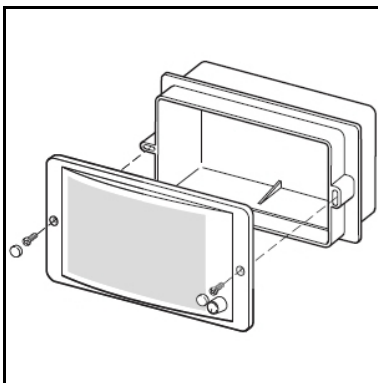
WxHxD (mm): 284x165x59,5

1,3 kg

Individually packaged

ABI-MM5201SMR

Flush In-wall mounting box for speaker MM5201S09



This box allows flush mounting of speaker panel ABI-MM5201S09 in the wall, prevents sound traveling via the wall cavity to adjacent area and protects the loudspeaker from dust and building debris.

WxHxD (mm): 280x180x65

0,35 kg

Individually packaged

ABI-MM5301S15**Indoor/Outdoor Speaker with bracket - 15W - 95Hz to 19kHz**

The ABI-MM5301S15 are premium sound cabinet loudspeakers, two-way systems with woofer and tweeter, intended for clear reproduction of speech or foreground and background music to be used for indoor and outdoor applications. The loudspeakers are available in a dark (default choice) or light color (special request) and have selectable 8 ohm, 70 V and 100 V inputs.

Typical applications are waiting room, hall, study, patio, wintergarden, home office, fitness centre, showroom, etc.

The cabinets can be mounted horizontally to allow the loudspeaker to be directed up or down, or vertically to allow left and right rotation by means of a steel U-shaped wall bracket (standard supplied).

Characteristics:

Nominal power: 15 W RMS

SPL at rated power / 1 W (1 kHz, 1 m): 98/86dB

Frequency range (-10 dB): 95 Hz to 19.5 kHz

Opening angle at 1 kHz / 4 kHz (-6 dB)

179° / 101° (hor.)

168° / 35° (ver.)

Impedance 8 / 326 / 667 ohm

Dimensions (H x W x D) 205 x 136 x 117 mm

(8.07 x 5.35 x 4.60 in)

Weight Approx. 1.9 kg (4.18 lb)

Color White (RAL 9010) or Charcoal (RAL 7021)

Operating temperature -25 °C to +55 °C (-13 °F to +131 °F)

Storage temperature -40 °C to +70 °C (-40 °F to +158 °F)

Relative humidity <95%

Complies with:

Safety acc. to EN 60065

Water protection acc. to EN 60529 IP x4

Self extinguishing acc. to UL94 V 0

WxHxD (mm): 136x205x117

2 kg

Individually packaged

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