

# GES\*RADIO

**DECEMBER 2006** 



















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# **Our Ham-Radio Products Catalogue**

GES\*RADIO CATALO-

GUE (CZECH)O i

0,72 EUR GES 089 017 90

Ham Radio Products Catalogue (In Czech). Printed version A4



# Yaesu (Vertex)

## **Transceivers**

#### **Allmode**

FT-817-ND

589 EUR GES 089 000 02

YAESU portable HF TCVR 6m/2m/70cm, 5W,accupack FNB85 1400mAh,-mike MH31

European model.



#### FT-857D

697 EUR GES 089 000 04

YAESU Compact TCVR 160-6m/100W, 2m/50W, 70cm/20W, DSP2,handy mike MH31

European model.





#### FT-897D

822 EUR GES 089 000 05

YAESU Compact TCVR 160-6m/100W, 2m/50W, 70cm/20W, TCX09, mike MH31

European model.



#### FT-2000 (100W)

0 EUR GES 089 019 03

YAESU Allmode 160-6m TCVR. Version 100W



#### FT-2000 (200W)

0 EUR GES 089 018 15

YAESU Allmode 160-6m TCVR. Version 200W. External power supply. Yaesu newest model.



#### FTDX9000MP i

0 EUR GES 089 000 10

YAESU 400W TCVR, dual RX, dual analog meter+LCD, ext. PS, ext.speaker The FTDX9000MP is delivered in customer specified configuration.



#### FTDX9000 CONTEST i

0 EUR GES 089 000 08

YAESU 200W HF/50MHz TCVR, dual analog meter+LCD,VRF,internal switch PS

The FTDX9000 CONTEST is delivered in customer specified configuration



#### FTDX9000D i

11.594 EUR GES 089 000 09

YAESU 200W HF/50MHz Fully-Equiped TCVR,dual RX, 6.5" TFT displ.,int.PS
The FTDX9000D is YAESU Flag-Ship model FT9000 series. This model is
delivered in customer specified configuration only.



# Handy

## FT-60E

193 EUR GES 089 000 18

YAESU 2m/70cm 5W compact handy, NiMH 1.4Ah aku FNB85, adapter 230V NC88

European model. RX: 108-137MHz (Air Band), 137-520MHz (AM/FM), 700-999.990MHz (FM); TX: 144-146MHz, 430-440MHz; F2D F3E; Step 5/10/12.5/15/20/25/50/100kHz; Stability +-5ppm / -10\*-460\*C; 1750Hz Calling Tone, ARS (Automatical Repeater Shift) +-600kHz (144MHz) +-1.6/76MHz (430MHz), CTCSS, DCS, DTMF, EPCS, EAI, Bell, Split tone, Tone Search Scanning; Supply Voltage: 7.2V DC, resp. 6.0-16.0V DC ext.; Current Consumption 125mA RX, 45mA/47mA (144MHz/430MHz) Standby, Saver Off), 19mA (Standby, Saver On), 0.8mA (Auto Power Off), 1.5A/1.6A (5W TX 144MHz/430MHz); Operating Temperature -20\*-460-C. Case Stze (mm) w=58 h=109 d=30mm (W/O Knob, antenna and Belt Clip), Weight 370g with antenna and FMB-83. RF Output Power 5.0W/2.0W/D.5W; Max. Deviation +-5kHz. Rx: Double-Conversion Superheterodyne, 1.1F 47.25MHz, 2.1F 450kHz, AF Output max. 400mW/8 Ohm for 10% THD.



VX-2E

193 EUR GES 089 000 19

YAESU 2m/70cm Compact handy,LI accu FNB82 3.7V/1Ah, adapt.230V

European model. RX: 0.5-1.8MHz (BC Band), 1.8-30MHz (SW Band), 30-76MHz (S0MHz HAM), 76-137MHz (FM), 108-137 (Air Band), 137-174MHz (144MHz HAM), 174-222MHz (VHF TV), 222-420MHz (ACT1), 420-470MHz (430MHz, 430-440MHz, 172-800MHz (HHT V), 800-999MHz (ACT2); TX: 144-146MHz, 430-440MHz, 72-63°C, 1750Hz (alling Tone, ARTS (Automatical Repeater Shift) -600kHz (144MHz) +-1.6/5.0/7.6MHz (430MHz), CTCSS, DCS, DTMF, Bell. Split tone, fone Search, ATT, APO, T0T, BCLO, ARTS, 1440Memories, Scanning; Supply Voltage: 3.7V DC, resp. 3.2-7.0V DC ext.; Current Consumption 150mA RX, 58mA (Standby, Saver Off), 20mA (Standby, Saver On), 0.2mA (Auto Power Off), 13/1.2A (1.5/1W TX, 144/430MHz, 3.7V DC), 1.8/1.5A (3/2W TX, 144/430MHz, 6.0V DC); Operating Temperature -20\*+60+C. Case Size (mm) w=47 h=81 d=23mm (WO Knob, antenna and Bell Clip), Weight 132g with antenna and FNB-82LI. TX RF Output Power 1.5W/144MHz resp. 1W/430MHz for 5.7V FNB-82LI. TX RF Output Power 1.5W/144MHz resp. 1W/430MHz for 6.0V DC; SW/430MHz for 6.0V DC ext.; Max. Deviation -5kHz (F2, F3). Rx: Double/Triple-Conversion Superheterodyne for AM,NFM/WFM, 1.1F 47.25MHz(AM/NFM) resp. 45.8MHz(WFM), 21F 450kHz(AM/NFM) resp. 10.7MHz(WFM), 31F 1MHz(WFM). A FOUtput max. 50mW/8 0hm for 10% THD and 3.7V, resp. 100mW/80hm for 10% THD and 6.0V.



VX-6E

278 EUR GES 089 018 16

YAESU 2m/70cm 5W Compact handy,7.4V/1.4Ah aku FNB80Ll,adapt.230V NC72C





#### VX-7R 354 EUR GES 089 018 90

YAESU 6m/2m/70cm handy, FNB80Ll aku 7.4V/1.3Ah, adapter 230V NC72C



#### VX-110 143 EUR GES 089 000 22

YAESU 2m/5W handy, 8 keys, NiCd accu 7.2V/700mAh, adapter 230V NC72C



#### VX-120

143 EUR GES 089 018 17

YAESU 2m/5W handy 8 keys, NiMH 7.2V/1.4Ah accu FNB83, NC88 adant.230V



# Mobile

#### FT-1802E

179 EUR GES 089 018 21 YAESU 2m/50W;FM mobile TCVR,140x40x146mm,DTMF mike MH48A6J, Mob. Bracket

FT-1802E is a new, miniature, powerfull, rugged FM TCVR for the 2m band. TX works in range 144-146MHz, RX 144-146MHz or 136-174MHz. Channel spacing is programmable 5/10/12.5/15/20/25/50/100kHz. Repeater shift is +-600kHz. Estimable output power 50W in to 50 Ohms load is set adjustable to 25W, 10W and 5W. Current consumption at 13,8V supply voltage depends on output power: 10A (50W), 7A (25W), 5A (10W) and 4A (5W). RX power consumption is 0,7A max. resp. 0.3A max. squelched. AF output power is 3W max. into 4 Ohms load. TCVR has 219 memories, built-in CTCSS, DCS and EPCS decoder/encoder, TOT (Time-Out-Timer), APO (Automatic Power-Off), ARS (Automatical Repeater Shift). Supplied accessories is polyfunctional hand mike MH-48A6J, which has all necessary tone functions (1750Hz T.CALL inclusive), standard menu and programmable buttons for TCVR remote control. The Smart SearchTM feature automatically sweeps a band and loads active frequencies into dedicated memory banks. Rugged but miniature stable construction, Yaesu-exclusive illuminated multi-function LCD display, massive cooler (no fan necessary) predestinate this



#### FT-2800M

197 EUR GES 089 000 14

YAESU 2m/65W;FM mobile TCVR,160x50x185mm,DTMF mike MH48A6J,Mob.Bracket

FT-2800M is a powerfull, rugged FM TCVR for the 2m band. TX works in range 144-146MHz or 144-148MHz, RX 144-146MHz or 137-174MHz. Channel spacing is programmable 5/10/12.5/15/20/25/50/100kHz. repeater shift is +-600kHz. Estimable output power 65W in to 50 Ohms load is set adjustable to 25W, 10W and 5W. Current consumption at 13,8V supply voltage depends on output power: 10A (65W), 7A (25W), 5A (10W) and 4A (5W), RX power consumption is 0,7A max. resp. 0.3A max. squelched. AF output power: 10A (65W), 7A (25W), 5A (10W) and 4D (5W), RX power consumption is 0,7A max. resp. 0.3A max. squelched. AF output power. is 3W max. into 4 Ohms load. TCVR has 221 memories, built-in CTCSS and DCS decoder/encoder, TOT (Time-Out-Timer), APO (Automatic Power-Off), ARS (Automatical Repeater Shift). Supplied accessories is polyfunctional hand mike MH-48A6J, which has all necessary tone functions (1750Hz T.CALL inclusive), standard menu and programmable buttons for TCVR remote control. The Smart SearchTM feature automatically sweeps a band and loads active frequencies into dedicated memory banks. Rugged stable construction, big Yaesu-exclusive illuminated multi-function LCD display, massive cooler (no fan necessary) predestinate this excellent TCVR not only for heavy mobile traffic but for base traffic, too.



FT-7800E 236 EUR GES 089 000 15

YAESU 2m/50W,70cm/40W FM mobile TCVR,140x41.5x168mm,DTMF mike MH48A6J

European model.



#### FT-8800E 386 EUR GES 089 000 16

YAESU Duoband mobile 2m/70cm FM TCVR, mike MH48A6J



# 429 EUR GES 089 000 17

YAESU 29/50/144/430MHz mobile FM TCVR, mike MH48A6J.Jen anglický

European model



## Receivers

#### Receivers

VR-500 311 EUR GES 089 000 25

YAESU Wide-Band Handy Receiver 100kHz-1,3GHz AM,CW,FM,SSB European model





714 EUR GES 089 000 26

YAESU Wide-Band Receiver 100kHz-2,6GHz AM,CW,FM,SSB European model.



## **Receivers - Sale Out**

**PMR** 

# **PMR446 Radios**

VERTEX STANDARD PMR446 Radio

VX-146 154 EUR GES 085 014 21



VX-246

183 EUR GES 085 007 50

VERTEX STANDARD PMR446 Radio



# **Accessories for YAESU**

# Accu's, Adapters, Chargers for YAESU

31,10 EUR GES 089 001 26

YAESU Charge adapter (2Pcs), for NC50 and all FNB1 accumulators

31,10 EUR GES 089 001 27

YAESU Charge adapter (2Pcs), for NC50 and all FNB2 accumulators 14,30 EUR GES 089 001 28

YAESU Charge adapter (2Pcs), for NC50 and all FNB3 accumulators

9,42 EUR GES 089 001 29

YAESU Charge adapter, for NC60C and all FNB4 accumulators

15,40 EUR GES 089 001 30

YAESU Charge adapter, for NC72C with FNB58LI accus, for VX5, VX6, VX7



CD-24

134 EUR GES 089 001 31

YAESU 4-hours charge adapter, for FNB78 accus (PA26C is necessary)



CD-26

0 EUR GES 089 018 31

YAESU charge adapter for FNB83 accus (FT60, VX120)

DC-CABLE FT857/FT897 20,60 EUR GES 089 000 41 YAESU DC cable 25A for FT857, FT897, (FT847...) length 3m



DC-CABLE FT1000MP

37,70 EUR GES 089 000 39

YAESU DC cable FT650,FT840,FT847,FT900,FT920,FT990DC,FT1000MP-



DC-CABLE FT7100/7800/8800/8900UR GES 089 001 10

YAESU DC cable 15A for FT7100, FT7800, FT8800, FT8900

EDC-5B 23 EUR GES 089 001 42

DC cable w.car 12V adapter for FT50,FT60,VX5,VX6,VX7,VX110,VX120,

VR500, VX170, VXA150, VXA210



3.97 EUR GES 089 001 43

DC cable for FT10,FT40,FT50,FT60,FT530,VX5,VX6,VX7,VX110,VX120,

FT817,HX270,HX370,VR500,VXA150



EDC-21 32 EUR GES 089 001 44

YAESU DC cable with car 12VDC adapter for FT2

FBA-15 23,90 EUR GES 089 001 46

YAESU 4xAA Battery Holder for FT10, FT40, FT50

FBA-23 23,80 EUR GES 089 001 48

YAESU AA Battery Holder for VX5, VX6, VX7 FBA-25A

Batt.Holder 6xAA;FT60,VX110,VX146,VX150,VX160,VX180,VX246,VX41

12,50 EUR GES 089 001 50

VX120, VX170, VX414, VX424, VXA150, VXA210, VXA300





FNB-17 34,50 EUR GES 089 001 54

YAESU NiCd Accu 7.2V/600mAh, for FT23, FT411



FNB-33 66,80 EUR GES 089 001 55
YAESU NICA Accu 4.8V/1200mAh, for FT11, FT41, FT51



FNB-40 55,40 EUR GES 089 001 56
YAESU NiCd Accu 6V/650mAh, for FT10, FT40, FT50



FNB-41 66,80 EUR GES 089 001 57 YAESU NICd Accu 9.6V/600mAh, for FT10, FT40, FT50



FNB-52LI 29,70 EUR GES 089 001 58



FNB-64 28,60 EUR GES 089 001 59
YAESU NiCd Accu 7.2V/700mAh, for VX110,VX146,VX150,VX160,VX180



FNB-78 131 EUR GES 089 000 52

YAESU Li-Ion Battery Pack 13.2V/4500mAh for FT897
You can charge the FNB-78 Battery Pack with the CD24 charger from a 13,8V
autobattery or with a DC supply, or with the mains adaptor PA26C direct from
the mains 230V.



FNB-79

9,88 EUR GES 089 017 55

YAESU NiCd Accu 2.4V/700mAh, for VR500. Replace FNB59



FNB-80LI

74,60 EUR GES 089 001 60

YAESU Li-Ion Accu 7.4V/1400mAh for VX6, VX7



FNB-82LI

41,90 EUR GES 089 001 61

YAESU Li-Ion Accu 3.7V/1000mAh for VX2



FNB-83 21,80 EUR GES 089 001 62

YAESU NiMH Accupack 7.2V / 1300mAh for FT60,VX120,VX170,HX270,



FNB-85 42,80 EUR GES 089 000 54

YAESU NiMH Accupack 1400mAh for FT817ND. Replace FNB72

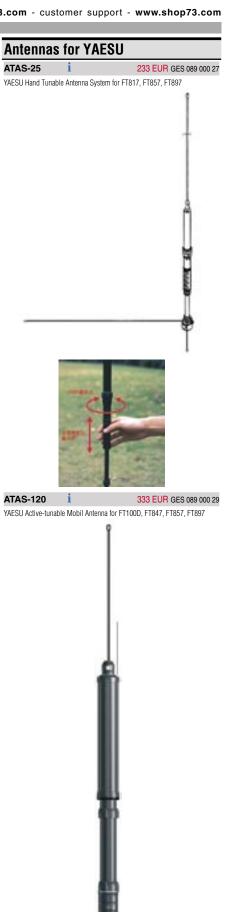






14,80 EUR GES 089 001 72





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Variation of prices and range of goods is reserved. i - for more info and our prices see on www.shop73.com ○ - sale

YAESU Mains 2.5hrs Charger for FNB82LI for VX2

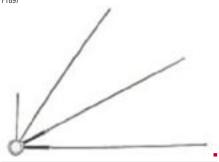
NC-85C





#### ATBK-100 89,30 EUR GES 089 000 28

YAESU Base Radials-Kit ATAS100, ATAS120. For FT100D, FT847, FT857, FT897



YHA-59	9,97 EUR GES 089 001 79
YAESU Flexible Rubber Antenna for VX1	

YHA-66 9,97 EUR GES 089 016 38

YAESU Flexible Rubber Antenna for VX2

YAESU Flexible Rubber Antenna for VX5



YHA-60 16,40 EUR GES 089 001 80

YHA-67 0 EUR GES 089 018 82

YAESU Flexible Rubber Antenna for FT60, VX6





0 EUR GES 089 018 34 YAESU Flexible Rubber Antenna for VX120 7,11 EUR GES 089 001 81 YAESU Flexible Rubber Antenna for VX110, VX150



# **Holders and Sets for YAESU**

MMB-62

MMB-83 3,90 EUR GES 089 017 86 YAESU Mobile holder for FT2800

29,70 EUR GES 089 000 66 YAESU Mobile holder for FT100, FT900, FT8100, FT8500, FT8900



MMB-66 31,10 EUR GES 089 000 69 YAESU Mobile holder for FT847 MMB-80 16,40 EUR GES 089 000 67

YAESU Mobile holder for FT897



YSK-7800

YAESU Set for removable front panel for FT7800



YSK-8900 41,80 EUR GES 089 001 21

YAESU Set for removable front panel for FT8800, FT8900

YSK-857 48,20 EUR GES 089 000 95

YAESH Set for removable front panel for ET857



# **DSP for YAESU**

DSP-1 93,60 EUR GES 089 001 87

YAESU DSP module for VR5000

DSP-2 53,60 EUR GES 089 000 42

YAESU DSP module for older FT857 models (FT857D contains the DSP module)



# **Interface Cables for YAESU**

9,61 EUR GES 089 001 39

Clone cable FT10,FT50,FT60,VX1,VX2,VX5,VX110,VX146,VX150,VX160

VX400, VX414, VX424, VXA150





CT-35

11,40 EUR GES 089 001 85

YAESU Clone cable for VR500

CT-39A

14,30 EUR GES 089 000 33

YAESU Packet cable FT100,FT817,FT847,FT857,FT897,FT7800,FT8800,



CT-56

31,40 EUR GES 089 000 34

YAESU Band Data cable for FT900 with VL1000 QUADRA SYSTEM

16,40 EUR GES 089 000 36

YAESU Data STBY cable for FT847 with VL1000 QUADRA SYSTEM

30,70 EUR GES 089 000 37

YAESU CAT Interface cable for FT100, FT817, FT857, FT897 This interface cable ensure connecting between TCVR and notebook or PC. With a help of a proper SW programm You can completly control the TCVR. If a PC or notebook has no serial port, use USB port and the UC-232A USB to



#### CT-62-GES

24,70 EUR GES 089 017 57

CAT Interface cable for FT100, FT817, FT857, FT897

This interface cable ensure connecting between TCVR and notebook or PC. With a help of a proper SW programm You can completly control the TCVR. If a PC or notebook has no serial port, use USB port and our UC-232A USB to serial nort interface cable



#### UC-232A

Adapter cable USB / Serial Port (MD9)

25 EUR GES 089 019 17

This smart adapter cable lets PC users add an additional serial COM port RS-232 connections using USB. It provides an external plug-and-play port for convenient connection of CT62 (or other) cable, cell phone, digital camera, modem and ISDN terminal.





#### Internet Interface for YAESU

196 EUR GES 089 001 89

YAESU WIRES-II Interface Kit for TCVR/Repeater connection to internet



# Mikes, Speakers for YAESU

36,80 EUR GES 089 001 32

YAESU Waterproof speaker/mike for VX6, VX7, VX120

18,90 EUR GES 089 000 32



#### CT-44

7,11 EUR GES 089 001 40

Microphone adapter FT10,FT50,FT60,VX1,VX2,VX5,VX110,VX150,VX16 VXA150



CT-91

FTT-12

9,61 EUR GES 089 001 41

YAESU Mike adapter for VX6, VX7, VX120

2,83 EUR GES 089 001 51

YAESU Earphone for FT10,FT40,FT50,VX1,VX57

62,50 EUR GES 089 001 64 YAESU CTCSS decoder/DTMF/voice keyboard, 16 keys, for FT50R

MD-100A8X 118 EUR GES 089 000 56

YAESU Desktop mike FT840,FT847,FT857,FT897,FT920,FT1000M-



MD-200A8X

259 EUR GES 089 000 57



MEK-2

32,20 EUR GES 089 001 12

YAESU Microphone Extension Kit for FT7800,FT8000,FT8100,FT8800,F

T8900 31,80 EUR GES 089 000 59 MH-31A8J

YAESU Hand Mike for FT817, FT857, FT897











MH-59A8J 59,60 EUR GES 089 000 65

YAESU DTMF Hand Remote Control Mike for FT857, FT897 Remote DTMF microphone with keypad. Provide control of the major TCVR functions from the keypad. Includes a rotary control knob for adjusting the operating frequency and the receiver volume revel.



MLS-100 31,10 EUR GES 089 001 16 YAESU High-Power External Speaker for FT2800,FT7800,FT8800,FT8900



23,90 EUR GES 089 001 17

YAESU External round speaker for FT2800, FT8800, FT8900



SP-4 26,10 EUR GES 089 000 72



143 EUR GES 089 000 73 YAESU External Speaker with AF-Filters for FT1000MP, MARKV and others



SP-2000 0 EUR GES 089 019 19

YAESU FT2000 External Speaker with Audio Filters



SP-9000 335 EUR GES 089 017 38

YAESU FTDX9000 External Speaker with Dual Speakers and Audio Filter VC-24 60,70 EUR GES 089 018 32

VOX Headset for VX6, VX7, VX120

#### VC-25 55,80 EUR GES 089 001 76

VOX headset FT10,FT50,FT60,VX1,VX2,VX5,VX110,VX146,VX150,VX16



VC-27 31,10 EUR GES 089 001 77

YAESU VOX Earpiece/Microphone headset for VX6, VX7, VX120



**Software for YAESU** 

70 EUR GES 089 001 82

YAESU PC programming set for VR500



ADMS-1E 46,40 EUR GES 089 001 22

YAESU PC programming set FT10, FT11, FT50, FT51, VX1, VX5



69,90 EUR GES 089 001 23 ADMS-1F

YAESU PC programming set for VX110, VX150





ADMS-1G

YAESU PC programming set for VX7



ADMS-1J

69,90 EUR GES 089 001 25

YAESU PC programming set for FT60, FT60

69,90 EUR GES 089 001 07 ADMS-2E

YAESU PC programming set for FT90R, FT2600M

ADMS-2F 69,90 EUR GES 089 001 08

YAESU PC programming set for FT1500M

69,90 EUR GES 089 001 09 ADMS-2G

YAESU PC programming set for FT7100

69,90 EUR GES 089 018 55 ADMS-2K

YAESU PC programming set for FT7800



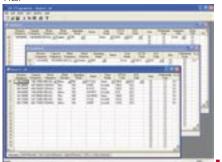
ADMS-4A

61,80 EUR GES 089 018 30

YAESU Programme Windows SW Kit for memory programming of FT817



69,90 EUR GES 089 018 29 YAESU Programme Windows SW Kit for memory programming of FT857,



# **Power Supplies for YAESU**

FP-30 250 EUR GES 089 000 55 YAESU AC Power Supply for FT897



## **Accessories for YAESU**

215 EUR GES 089 000 43 YAESU Digit.voice record. MARKV,FT1000,FIELD,FT1000MP,FT840,FT990



DVS-4

42 EUR GES 089 017 65

YAESU Digital Voice Memory Unit for FT3000, VR5000

35,60 EUR GES 089 000 50

YAESU Remote Control Keypad for MARKV, MARKV FIELD, FT1000MP



0 EUR GES 089 019 18

YAESU Remote Control Keypad for FT2000, FT9000, FTDX9000



SU-1

39,30 EUR GES 089 001 74

0 EUR GES 089 018 33

YAESU Barometric Pressure Sensor for VX5, VX6, VX7

FTD-7

DTMF Paging Unit for VX120

**Modules INRAD for YAESU** 

INRAD FT-920 AGC-MOD 83,90 EUR GES 089 017 40

INRAD Board for FT920. Allows the use of 1 or 2 filters in cascade Board allows to switch one or two filters both CW or SSB by mini toggle switch mounted in the bottom cover. Two boards each with one or two INRAD filters





INRAD-AGCIM FT1000MPi 10,70 EUR GES 089 002 84

INRAD AGC Improvement Modul for FT1000 MP.Not applicable to the

INRAD-KIM FT1000MP i 14,30 EUR GES 089 002 85

INRAD Keying Improvement Modul for FT1000 MP, MARKV FT1000MP



INRAD-RSNRM FT1000MP 157,10 EUR GES 089 002 87

INRAD Receiver Sensitivity/Noise Red.IF Modul FT1000 MP,MARKV

IF Modul for FT-1000MP, FT-1000MP MARK-V, FT-1000MP MARK-V FIELD





# Vinyl Bags, Clips for YAESU

CSC-83 16,40 EUR GES 089 000 31

YAESU Soft Vinyl Case for FT817



**CSC-76** 9,61 EUR GES 089 001 84 YAESU Soft Vinyl Case for VR120



**CSC-72** 12,20 EUR GES 089 001 83 YAESU Soft Vinyl Case for VR500



**CSC-71** 9,61 EUR GES 089 001 35
YAESU Soft Vinyl Case for VX1



**CSC-90** 9,61 EUR GES 089 001 38 YAESU Soft Vinyl Case for VX2



**CSC-73** 12,20 EUR GES 089 001 36 YAESU Soft Vinyl Case for VX5



### BELT CLIP VX-5R 2,11 EUR GES 089 018 72

YAESU Belt Clip for VX5

CSC-91 0 EUR GES 089 018 81

YAESU Soft Vinyl Case for VX6



CSC-88 10,70 EUR GES 089 001 37
YAESU Soft Vinyl Case for VX7

BELT CLIP VX-7R 6,75 EUR GES 089 018 89
YAESU Belt Clip for VX7

# TCXO, DSP for YAESU

TCXO-9 71,30 EUR GES 089 000 76

YAESU TCXO +-0.5ppm for FT817, FT857, FT897



42,90 EUR GES 0	09 000 74
YAESU TCXO +-2.0ppm for FT840, FT1000MP, FRG100	

TCXO-7 71,40 EUR GES 089 017 64

YAESU TCXO +-2.0ppm for FT920

# Tuners for YAESU

ATU-2 165 EUR GES 089 000 30

YAESU Integrated automatic antenna tuner for FT890, FT900

# ..\Y\atu-2.tif

FC-10 358 EUR GES 089 000 45

YAESU Automatic antenna tuner 1.8-30MHz for FT840



FC-20 347 EUR GES 089 000 46

YAESU Automatic antenna tuner 1.8-30MHz / 50-54MHz (FT100,FT840,FT847)



FC-30 250 EUR GES 089 000 47
YAESU Automatic antenna tuner 1.8-30MHz and 50-54MHz for FT857,



All our catalog prices are inclusive of VAT and come on from 1€ = 28,20 CZK. Selling prices will be calculated with CNB daily rate.

Variation of prices and range of goods is reserved. i - for more info and our prices see on www.shop73.com ○ - sale



FC-40 i 322 EUR GES 089 000 48
YAESU Automatic antenna tuner for long wire antenna. FT857, FT897



FC-800

358 EUR GES 089 000 49

YAESU External automatic antenna tuner for ET840, ET890, ET900

## **Transverter - Sale Out**

# PA - Power Amplifiers AMERITRON - Solid State PA

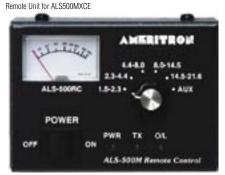
# ALS-500MXCEI 936 EUR GES 089 003 03

PA 500Wout/70Win;Model 160-10m;Mobile Solid State;13.6 VDC / 80A  $\it Version~160\text{-}10m.$ 



#### ALS-500RCXCE i

48,20 EUR GES 089 016 40



#### ALS-500MRXCE i

962 EUR GES 089 018 27

PA 500Wout/70Win;160-10m;Mobile Solid State;13.6VDC/80A;w.remote

Solide State mobile PA with Remote Control



# **BECO - Solid State PA**

ka:230V/50Hz

**HLV-150** 1.607 EUR GES 089 018 06 MOSFET PA 430-440MHz;150Wout/10Win;CW/SSB;280x158x410mm;13

HLV-280 i 2.232 EUR GES 130 043 37

MOSFET PA 430-440MHz;300Wout/25Win;CW/SSB;280x158x410mm;17 kg:230V/50Hz



#### HLV-600

2.500 EUR GES 098 000 09

MOSFET PA 144-146MHz;600Wout/10Win;CW/SSB;280x158x410mm;17 kg;230V/50Hz



# YAESU - Solid State PA

VL-1000 QUADRA

3.214 EUR GES 089 003 17

YAESU >1kWout / 80Win; MOSFET PA 160-6m; 8xMRF150; Autotuner; QSK





#### VP-1000 QUADRA

1.965 EUR GES 089 003 18

YAESU Switched Power Supply for VL1000;100-240VAC/+48V,+12V,-12V;15kg



#### MR-1000 QUADRA

QUADRA 393 EUR GES 089 018 97



# **AMERITRON - Tubes PA**

AL-811XCE

793 EUR GES 089 003 04

PA 600Wout (75Win);3x811A tbs;full QSK;160-10m;41x35x21cm;15kq;230VAC

It's perfect with Ameritron MFJ962D Antenna Tuner.



#### AL-811HXCE i

949 EUR GES 089 003 05

PA 800Wout (75Win);4x811A tbs;full QSK;160-10m;41x35x21cm;16ka:230VAC

It's perfect with Ameritron MFJ962D Antenna Tuner.



#### AL-80BXCE i

1.522 EUR GES 089 003 06

PA >1kW SSB PEP(800W CW)/85Win; 3-500 tube; 160-10m; 230VAC



#### AL-80BXQCE i

1.834 EUR GES 089 003 07

PA >1kW SSB PEP(800W CW)/85Win;3-500 tube;QSK-5PC;160-



#### AL-800XCE i

2.016 EUR GES 089 003 08

PA >1.25kW SSB PEP(1kW CW)/70Win;3CX800A7 tube;160-10m;230VAC



# AL-800XCE/QSK-5PCIi

2.471 EUR GES 089 016 28

PA >1.25kW SSB PEP(1kW CW)/70Win;3CX800A7 tube;QSK-5PC;160-10m;230VAC





AL-572XCE i 1.608 EUR GES 089 003 10

PA 1.3kW SSB PEP (1kW CW)/75Win; 4x 572B tube; 160-10m; 230VAC



AL-800HXCE i 2.862 EUR GES 089 003 09

PA >1.5kW CW,SSB PEP/55Win; 2x 3CX800A7; 160-10m; QSK-5PC; 230VAC



AL-82XCE 2.641 EUR GES 089 003 15

PA >1.5kW CW,RTTY (>1.8kW PEP)/100Win; 2x 3-500Z tubes; 160-10m;



AL-82XQCE i 2.927 EUR GES 089 003 16

PA >1.5kW CW,RTTY (>1.8kW PEP)/100Win;2x 3-500Z;160-10m;QSK-



2.679 EUR GES 089 003 11



2.979 EUR GES 089 003 12 AL-1200XQCEi

PA >1.5kW CW,RTTY(1.8kW PEP)/90Win;3CX1200A7;QSK-5PC;160-10m:230VAC



3.082 EUR GES 089 003 13 AL-1500XCE i

PA >2.0kW CW,RTTY(>2.5kW PEP)/65Win;3CX1500A/8877;160-10m·230VAC Model

Reduced power on WARC (80% of full power)



AL-1500XQCEi 3.357 EUR GES 089 003 14

PA >2.0kW CW,RTTY(>2.5kW PEP)/65Win;3CX1500A/8877;QSK-5PC;160-10m:230VAC

Reduced power on WARC (80% of full power)



350 EUR GES 089 011 23

2.5 KW, Stand-alone Pin Diode T/R QSK Switch, 230V

Use this QSK-5X Ameritron PIN TX/RX switching unit to give you lightning fast QSK operation from nearly any HF linear amplifier for extra quick switching. Cost operation from fearly any firmer aniphine for exit dynacts when in Extremity fast (six times faster than a typical mechanical vacuum relay). For Packet Radio, AMTOR, CW and any mode requiring extremity fast switching between transmit and receive. Prevents TVI, RFI and key cliks. Handles 2500W PEP or 2000W CW when SWR is below 1.5:1. Handles 750W on continuous carrier modes such RTTY, SSTV and FM. The optional cooling fan sustained operation on 1500W in any mode.



**Tubes for PA** 

360 EUR GES 089 003 19



3-500Z

Transmitting triode with graphite anode, manufacturer Taylor



3CX800A EIMAC

654 EUR GES 089 003 21

Transmitting triode, manufacturer EIMAC



3CX1200A7 EIMAC

962 EUR GES 089 003 22

Transmitting triode, manufacturer EIMAC



3CX1500A / 8877 EIMAC 1.082 EUR GES 089 003 23

Transmitting triode, manufacturer EIMAC







Transmitting triode with graphite anode



#### 572B TAYLOR

59,10 EUR GES 089 018 74

Transmitting triode with graphite anode

This tube is virtually an exact copy of the original TAYLOR 572B/T160L tube. Taylor Tubes 572B utilizes filament wire from U.S. manufacturer. Electrical specifications, performance and mechanical design is patterned after the original U.S. made tubes.





#### 572B-MP TAYLOR

124 EUR GES 089 018 73

Transmitting triode with graphite anode, matched pair This tube is virtually an exact copy of the original TAYLOR 572B/T160L tube.

Taylor Tubes 572B utilizes filament wire from U.S. manufacturer. Electrical specifications, performance and mechanical design is patterned after the original U.S. made tubes.





#### 572B-MQ

190 EUR GES 089 003 26

Transmitting triode with graphite anode, matched quad





#### 572B-MQ TAYLOR

248 EUR GES 089 018 76

Transmitting triode with graphite anode, matched quad This tube is virtually an exact copy of the original TAYLOR 572B/T160L tube. Taylor Tubes 572B utilizes filament wire from U.S. manufacturer. Electrical specifications, performance and mechanical design is patterned after the original U.S. made tubes.





## 807-MP SINO

35,70 EUR GES 089 016 88

Transmitting pentode, matched pair





#### 811A Transmitting triode

21,40 EUR GES 089 003 27



811A-MP

50 EUR GES 089 003 28

Transmitting triode, matched pair







811A-MP SINO 35 EUR GES 082 020 56 Transmitting triode, matched pair



811A-MQ SINO 69,90 EUR GES 082 020 01 Transmitting triode, matched quad



811A SOVTEKi 18,70 EUR GES 089 017 37 Transmitting triode Directly heated high mu power triode, HF and AF amplifier, modulator.



811A-MP SOVTEKi 42,10 EUR GES 089 017 36 Transmitting triode, matched pair



811A-MQ SOVTEKi 84,20 EUR GES 089 017 12 Transmitting triode, matched quad Directly heated high mu power triode, HF and AF amplifier, modulator.





829B/3E29 JAN CETRONi 27,10 EUR GES 089 003 31

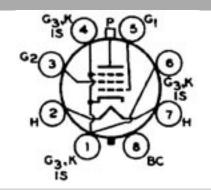




6146B-MP 42,80 EUR GES 082 019 20





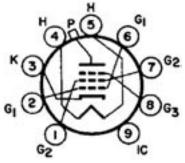


#### 6JB6A-MP

105 EUR GES 082 020 75

Beam power pentode for horizontal deflection amplifiers, matched pair





6JE6-MP

184 EUR GES 089 019 26

Beam power pentode for horizontal deflection amplifiers, matched pair

#### **Accessories for PA**

OKB-1

10,70 EUR GES 089 018 28

Interface cable for control of PA AMERITRON with YAESU FT857, FT897



57,20 EUR GES 089 003 32

Amplifier-Transceiver Interface for all transceiver



57,20 EUR GES 089 003 33

Amplifier-Transceiver Interface - ICOM IC-706 only



#### ATP-100

60,70 EUR GES 089 010 99

Amplifier Tuning Pulser

ATP-102

67,90 EUR GES 089 011 00

Amplifier Tuning Pulser II



#### MFJ-1709

24.30 EUR GES 089 004 49

PTT Operator Foot Switch. 2-1/2Wx3-1/2Dx1-1/4H. 1/4in.phone plug



# **Power Supplies and Accessories**

# **Power Supplies**

FP-1030A 229 EUR GES 089 002 88

YAESII AC-PS 13 8V/30A FT847 FT920 FT2800 FT7800 FT8800 FT8900

Rugged, reliable power supply from YAESU for radio station. 250x150x242mm



26,80 EUR GES 075 067 43

Stabilized power supply 13,8V/6A, 144x100x230mm, 3kg

M10-300-06 is DC power supply with stationary input voltage 13,8V DC and current input 6A in peak up to 8A. Full load is recommended to use for about 30 minutes. This power supply can be used for supply transmitters and other eletronic equipment wher is used voltage 13.8V. Power supply input is protected with safety fuse and output has buil-in protection against current overload and cut off



#### M10-300-10

35,40 EUR GES 075 067 44

Stabilized power supply 13,8V/10A, 144x100x230mm, 4kg

M10-300-10 is DC power supply with stationary input voltage 13,8V DC and current input 10A in peak up to 12A. Full load is recommended to use for about 30 minutes. This power supply can be used for supply transmitters and other eletronic equipment wher is used voltage 13.8V. Power supply input is protected with safety fuse and output has buil-in protection against current overload and cut off.



#### M10-300X-25

87,50 EUR GES 075 067 45

Stabilized power supply 13,8V/25A, 200x115x280mm, 7,5kg

M10-300X-25 is DC power supply with stationary input voltage 13,8V DC and current input 25A in peak up to 28A. Full load is recommended to use for about 30 minutes. This power supply can be used for supply transmitters and other eletronic equipment wher is used voltage 13,8V. Power supply input is protected with safety fuse and output has buil-in protection against current overload and cut off.



#### M10-330-30 O

125 EUR GES 075 067 46

Stabilized power supply 0-15V/30A, 330x150x340mm, 15kg

M10-330-30 is DC power supply with infinitely adjustable input voltage 0 - 15V DC and current input 30A in peak up to 35A. Full load is recommended to use for about 30 minutes. This power supply has three different connectors for accessing input voltage. Main adaynatges are: short size, first-rate and original design. It is ideal for: laboratories, colleges, schools, production factories, service of electronic equipment etc. Resource is equipped with analog voltmeter and ampermeter for measuring input voltage and current.



## **Power Supplies YAESU**

229 EUR GES 075 067 20

YAESH AC-PS 30A

FT847,FT920,FT2800,FT7800,FT8800,FT8900,FT1000MP-DC



Rugged, reliable power supply from YAESU for radio station.



# **DC Multi Outlets**

#### MFJ-1112 i 39,30 EUR GES 089 003 40

DC Multiple Outlet (6 pairs of RF bypassed binding posts)



#### VEC-316 i 53,60 EUR GES 089 015 4

Deluxe DC Multiple Outlet up to 15A. Voltmeter 0-25VDC. "ON" LED



#### MFJ-1117 i 57,20 EUR GES 089 003 42

High Current DC Multiple Outlet (2x 4 posts). 12-24VDC, 35A max.



#### DC-35 i 78,10 EUR GES 089 015 46

Deluxe High Current DC Multiple-Outlet 12-24VDC. 2x(6+2) posts, Meter

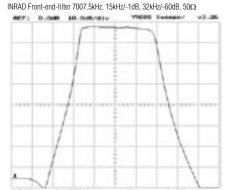


# Filters (Front, RF, AF)

## **Front End Filters INRAD**



# INRAD-801 96,40 EUR GES 089 001 90

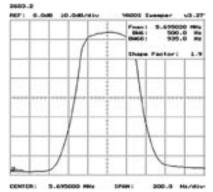


# IF Filters INRAD for DRAKE

#### INRAD-2603.2 104 EUR GES

INRAD 500Hz/5695.0kHz DRAKE R4C for 2nd IF

Filter 500Hz/-6dB, 5695.0kHz, CW, Shape Factor 1.9. Filter is soldered on custom PC board. Drop In. Ultimate rejection >80dB. Ripple <2dB. Typical Insertion Loss: <7dB. Zin=Zout=50 Ohms. Dimensions: 57x24x21 mm.

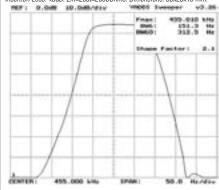


# **IF Filters INRAD for ICOM**

## NRAD-306 153 EUR GES 089 001 9

INRAD 125Hz/455k ICOM IC740,IC745,IC746,IC756,IC761,IC765,IC775,IC781

Filter 125Hz/-6dB, 455kHz, CW, Shape Factor 1.8. Filter is soldered on custom PC board and is wired at place. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion | 0ss: <8dB. 7in-7out=20000hms, Dimensions: 55x25x15 mm

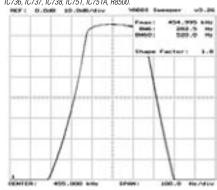


#### INRAD-122

# 153 EUR GES 089 001 92

INRAD 250Hz/455k IC718,IC740,IC745,IC746,IC756,IC761,IC765,IC775,IC781

Filter 250Hz/-6dB, 455kHz, CW, Shape Factor 1.8. Filter is soldered on custom PC board. Drop In. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <8dB. Zin-Zout=20000hms. Dimensions: 55x25x15 mm. Also for IC707, IC736. IC737. IC738. IC751. IC751A. R8500

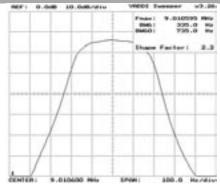


#### INRAD-121

## 96,40 EUR GES 089 001 93

INRAD 250Hz/9010.6kHz ICOM IC735,IC746,IC756,IC761,IC765,IC775,

Filter 250Hz/-6dB, 9010.6kHz, CW, Shape Factor 2.2. Filter is soldered on custom PC board and is wired at place. Ultimate rejection -90dB. Ripple -2dB. Typical Insertion Loss: -8dB. Zin=Zoul-2000Ohms. Dimensions: 40x18x20 mm. Also for IC736, IC737, IC738, IC751, IC751A.

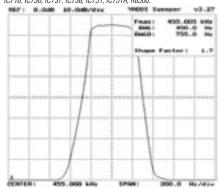


#### INRAD-116

## 153 EUR GES 089 001 94

INRAD 400Hz/455k ICOM IC740,IC745,IC746,IC756,IC761,IC765,IC775,IC781

Filter 400Hz/-6dB, 455kHz, CW, Shape Factor 2.0. Filter is soldered on custom PC board. Drop In. Ultimate rejection -90dB. Ripple <2dB. Typical Insertion Loss: <7dB. Zin=Zout=20000hms. Dimensions: 55x25x15 mm. Also for IC707, IC718, IC736, IC737, IC738, IC751, IC751A, R8500.

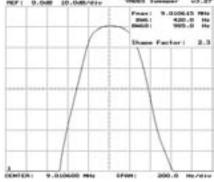


#### INRAD-111

#### 96,40 EUR GES 089 001 95

INRAD 400Hz/9010.6kHz ICOM IC735,IC746,IC756,IC761,IC765,IC775, IC781

Filter 400Hz/-6dB, 9010.6kHz, CW, Shape Factor 2.0. Filter is soldered on custom PC board and is wired at place. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <8dB. Zin-Zout=2000Ohms. Dimensions: 40x18x20 mm. Also for IC736, IC737, IC738, IC751, IC751A.



#### INRAD-112

#### 96,40 EUR GES 089 001 96

INRAD 400/9011.5k ICOM IC740,IC745,IC746,IC756,IC761,IC765,IC77 5,IC781

Filter 400Hz/-6dB, 9011.5kHz, CW, Shape Factor 2.8. Filter is soldered on custom PC board and is wired at place. Ultimate rejection >90dB. Ripple 2dB. Typical Insertion Loss: <7dB. Zin=Zout=20000hms. Dimensions:

#### INRAD-115

#### 123 EUR GES 089 016 30

INRAD 400Hz/10749.3kHz ICOM IC271,IC471,IC1271

Filter 400Hz/-6dB, 10749.3kHz, CW, Shape Factor 3.0. Filter is soldered on custom PC board and is wired at place. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <6dB. Zin=Zout=20000hms.

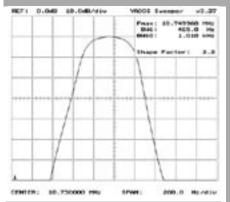
#### INRAD-384

#### 123 EUR GES 089 016 31

INRAD 400Hz/10750kHz ICOM IC271,IC471,IC1271

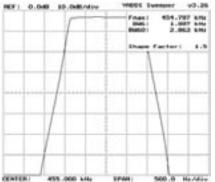
Filter 400Hz/-6dB, 10750kHz, CW, Shape Factor 3.0. Filter is soldered on custom PC board and is wired at place. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <6dB. Zin=Zout=20000hms.





#### INRAD-322 153 EUR GES 089 001 97

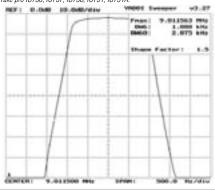
INRAD 1800/455 IC735,IC740,IC745,IC746,IC756,IC761,IC765,IC775,IC781 Filter 1800Hz/-6dB, 455kHz, SSB, Shape Factor 1.5. Filter is soldered on custom PC board. Drop In (Wire In for IC735). Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <5dB. Zin=Zout=20000hms. Dimensions: 55x25x15 mm. Also for IC718, IC736, IC737, IC738, IC751, IC751A.



# INRAD-320 104 EUR GES 089 001 98

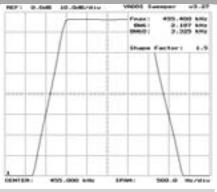
INRAD1800/9011.5 IC735,IC740,IC745,IC746,IC756,IC761,IC765,IC775,IC781

Filter 1800Hz/-6dB, 9011.5kHz, SSB, Shape Factor 1.8. Filter is soldered on custom PC board and is wired at place. Ultimate rejection >90dB, Ripple <2dB. Typical Insertion Loss: <5dB. Zin=Zout=2000Ohms. Dimensions: 40x18x20 mm. Také pro IC736, IC736, IC738, IC731, IC751, IC7516.



#### INRAD-314 153 EUR GES 089 001 99

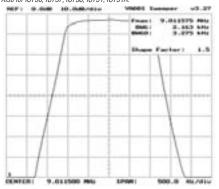
| NRAD 2100/455 IC735,IC740,IC745,IC746,IC756,IC761,IC765,IC775,IC781 |
| Filter 2100Hz/-6dB, 455kHz, SSB, Shape Factor 1.6. Filter is soldered on custom PC board. Drop In (Wire In for IC735). Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <5dB. Zin=Zout=20000hms. Dimensions: 55x25x15 |
| mm. Also for IC718, IC736, IC737, IC738, IC751, IC751A.



#### INRAD-110 96,40 EUR GES 089 002 00

INRAD2100/9011.5 IC735,IC740,IC745,IC746,IC756,IC761,IC765,IC775

Filter 2100Hz/-6dB, 9011.5kHz, SSB, Shape Factor 1.6. Filter is soldered on custom PC board and is wired at place. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <5dB. Zin=Zout=2000Ohms. Dimensions: 40x18x20 mm. Also for IC736. IC737. IC738. IC751. IC751A.



#### INRAD-113

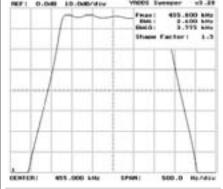
#### 123 EUR GES 089 016 29

INRAD 2100Hz/10750kHz ICOM IC271,IC471,IC1271

Filter 2100Hz/-6dB, 10750kHz, SSB, Shape Factor 1.6. Filter is soldered on custom PC board and is wired at place. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <5dB. Zin=Zout=20000hms.

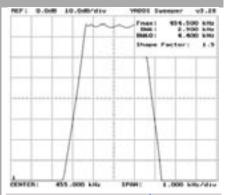
#### NRAD-109 153 FUI

INRAD 2400/455 IC735,IC740,IC745,IC746,IC756,IC761,IC765,IC775,IC781 Filter 2400Hz/-6dB, 455kHz, SSB, Shape Factor 1.6. Filter is soldered on custom PC board. Drop In (Wire in for IC735). Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <5dB. Zin=Zout=20000hms. Dimensions: 55x25x15 mm. Also for IC718. IC736. IC737, IC738, IC751, IC751A.



#### NRAD-124 153 EUR GES 089 002 02

INRAD 2800/455 IC735,IC740,IC745,IC746,IC756,IC761,IC765,IC775,IC781 Filter 2800Hz/-6dB, 455kHz, SSB, Shape Factor 1.5. Filter is soldered on custom PC board. Drop In (Wire In for IC735). Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <5dB. Zin=Zout-20000hms. Dimensions: 55x25x15 mm. Also for IC718, IC736, IC737, IC738, IC751, IC751A.



#### INRAD-IC765 ROOFING FILTER79 EUR GES 089 018 45

INRAD Roofing Filter 69.0115MHz/6poles,w.High Dyn.Amplifier,for IC765
This Roofing Filter help to reduce the third order IM products from multiple
strong signals in the 2 to 20kHz region either side of the tuned frequency. IMD
dynamic range will be improved 10dB or more for some signal spacing. Filter
is assembled on PCB with High Dynamic Range Feedback Amplifier, which
cover the Filter loss plus a dB or two.



#### INRAD-IC775 ROOFING FILTER79 EUR GES 089 018 46

INRAD Roofing Filter 69.0115MHz/6poles,w.High Dyn.Amplifier,for IC775
This Roofing Filter help to reduce the third order IM products from multiple
strong signals in the 2 to 20kHz region either side of the tuned frequency. IMD
dynamic range will be improved 10dB or more for some signal spacing, Filter
is assembled on PCB with High Dynamic Range Feedback Amplifier, which
cover the Filter loss plus a dB or two.

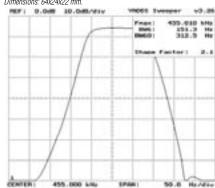


## IF Filters INRAD for KENWOOD

## INRAD-306 TS140/680/850/930/938 EUR GES 089 002 03

INRAD 125Hz/455kHz KENWOOD TS140,TS680,TS850,TS930,TS940,T-S950.R2000

Filter 125Hz/-6dB, 455kHz, CW, Shape Factor 1.8. Filter is soldered on custom PC board. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <8dB. Dimensions: 64x24x22 mm.



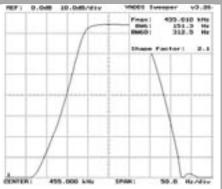
#### INRAD-306 TS450S/690

# 153 EUR GES 089 002 04

INRAD 125Hz/455kHz KENW00D TS450S, TS690

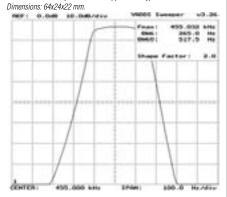
Filter 125Hz/-6dB, 455kHz, CW, Shape Factor 1.8. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <8dB. Zin=Zout=20000hms. Dimensions: 64x24x22 mm. Drop in exact replacement.





#### INRAD186TS850930940950 153 EUR GES 089 002 05

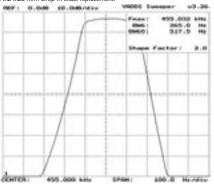
INRAD 250Hz/455kHz KENWOOD TS850, TS930, TS940, TS950 Filter 250Hz/-6dB, 455kHz, CW, Shape Factor 1.8. Filter is soldered on custom PC board. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <8dB.



#### INRAD-186 TS450S/TS690 153 EUR GES 089 002 06

INRAD 250Hz/455kHz KENWOOD TS450S, TS690, R2000

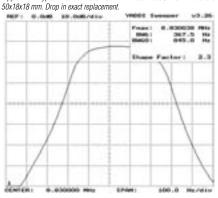
Filter 250Hz/-6dB, 455kHz, CW, Shape Factor 1.8. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <8dB. Zin=Zout=20000hms. Dimensions: 64x24x22 mm. Drop in exact replacement.



#### INRAD-22 TS450S,TS690 96,40 EUR GES 089 002 07

INRAD 250Hz/8830kHz KENWOOD TS450S, TS690

Filter 250Hz/-6dB, 8830kHz, CW, Shape Factor 2.0. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <8dB. Zin=Zout=20000hms. Dimensions:

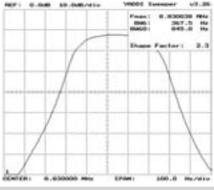


## INRAD-22 TS570

INRAD 250Hz/8830kHz KENWOOD TS570

Filter 250Hz/-6dB, 8830kHz, CW, Shape Factor 2.0. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <8dB. Dimensions: 50x18x18 mm. Filter soldered on custom PC board.

96,40 EUR GES 089 016 36

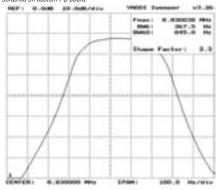


#### INRAD-22 TS850/930/940/95096,40 EUR GES 089 002 08

INRAD 250Hz/8830kHz KENWOOD TS850, TS930, TS940, TS950

Filter 250Hz/6dB 8830kHz CW Shape Factor 2.0 Ultimate rejection > 90dE

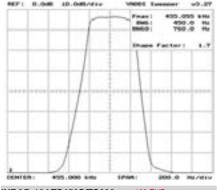
Filter 250Hz/-6dB, 8830kHz, CW, Shape Factor 2.0. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <8dB. Dimensions: 50x18x18 mm. Filter soldered on custom PC board.



#### INRAD-104 TS140/TS680/R200053 EUR GES 089 002 09

INRAD 400Hz/455kHz KENWOOD TS140, TS680, R2000

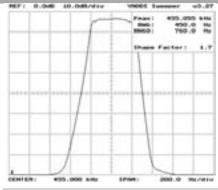
Filter 400Hz/-6dB, 455kHz, CW, Shape Factor 1.8. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <7dB. Zin=Zout=2000 Ohms. Dimensions: 64x24x/2 mm Filter soldered on custom PC hoard



# INRAD-104 TS450S/TS690 153 EUR GES 089 002 10

INRAD 400Hz/455kHz KENWOOD TS450S, TS690

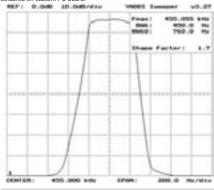
Filter 400Hz/-6dB, 455kHz, CW, Shape Factor 1.8. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <7dB. Zin=Zout=20000hms. Dimensions: 64x24x22 mm. Drop in exact replacement.



#### INRAD-104 TS850/930/940/950 153 EUR GES 089 002 11

INRAD 400Hz/455kHz KENWOOD TS850, TS930, TS940, TS950

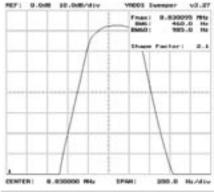
Filter 400Hz/-6dB, 455kHz, CW, Shape Factor 1.7. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <7dB. Dimensions: 64x24x22 mm. Filter soldered on custom PC board.



# INRAD-103 TS450S/TS690 96,40 EUR GES 089 002 12

INRAD 400Hz/8830kHz KENWOOD TS450S, TS690

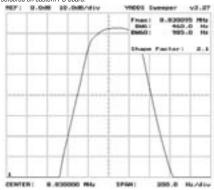
Filter 400Hz/-6dB, 8830kHz, CW, Shape Factor 2.5. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <7dB. Zin=Zout=20000hms. Dimensions. 50x18x18 mm. Drop in exact replacement.



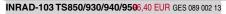
#### INRAD-103 TS570 96,40 EUR GES 089 016 35

INRAD 400Hz/8830kHz KENWOOD TS570

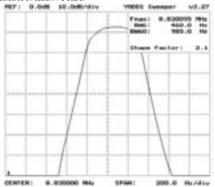
Filter 400Hz/-6dB, 8830kHz, CW, Shape Factor 2.1. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <7dB. Dimensions: 50x18x18 mm. Filter soldered on custom PC board.







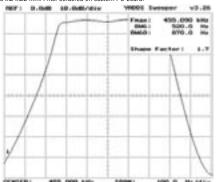
INRAD 400Hz/8830kHz KENWOOD TS850, TS930, TS940, TS950 Filter 400Hz/-6dB, 8830kHz, CW, Shape Factor 2.1. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <7dB. Dimensions: 50x18x18 mm. Filter soldered on custom PC board.



#### INRAD-528 TS140/TS680/R200053 EUR GES 089 002 14

INRAD 500Hz/455kHz KENWOOD TS140, TS680, R2000

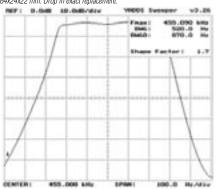
Filter 500Hz/-6dB, 455kHz, CW, Shape Factor 1.8, Ultimate rejection >90dB Ripple <2dB. Typical Insertion Loss: <6dB. Zin=Zout=2000 Ohms. Dimensions: 64x24x22 mm. Filter soldered on custom PC board.



#### INRAD-528 TS450S/TS690 153 EUR GES 089 002 15

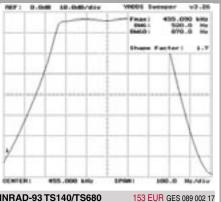
INRAD 500Hz/455kHz KENWOOD TS450S, TS690

Filter 500Hz/-6dB, 455kHz, CW, Shape Factor 1.8. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <6dB. Zin=Zout=20000hms. Dimensions 64x24x22 mm. Drop in exact replacement.



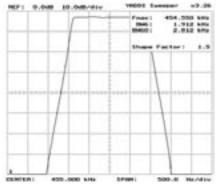
#### INRAD-528 TS850/930/940/950 153 FUR GES 089 002 16

INRAD 500Hz/455kHz KENWOOD TS850, TS930, TS940, TS950 Filter 500Hz/-6dB, 455kHz, CW, Shape Factor 1.7. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <7dB. Dimensions: 64x24x22 mm. Filter soldered on custom PC board.



#### INRAD-93 TS140/TS680 INRAD 1800Hz/455kHz KENWOOD TS140, TS680

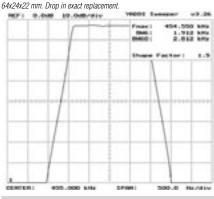
Filter 1800Hz/-6dB, 455kHz, SSB, Shape Factor 1.5. Inrad filter is much larger than mfor's filter. Wire in. Ultimate rejection > 90dB. Ripple < 2dB. Typical Insertion Loss: <5dB. Zin=Zout=20000hms. Dimensions: 64x24x22 mm.



#### INRAD-93 TS450S/TS690

153 EUR GES 089 002 18

INRAD 1800Hz/455kHz KENWOOD TS450S, TS690 Filter 1800Hz/-6dB, 455kHz, SSB, Shape Factor 1.5, Ultimate rejection >90dB, Ripple <2dB. Typical Insertion Loss: <5dB. Zin=Zout=20000hms. Dimensions:

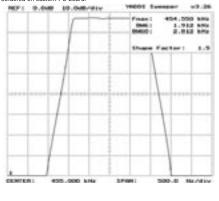


#### INRAD-93 TS850/TS950

153 EUR GES 089 002 19

INRAD 1800Hz/455kHz KENWOOD TS850, TS950

Filter 1800Hz/-6dB, 455kHz, SSB, Shape Factor 1.5. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <5dB. Dimensions: 64x24x22 mm. Filter soldered on custom PC board.

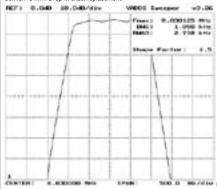


#### INRAD-95 TS450S/TS690

96,40 EUR GES 089 002 20

INRAD 1800Hz/8830kHz KENWOOD TS450S, TS690

Filter 1800Hz/-6dB, 8830kHz, SSB, Shape Factor 1.7. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <5dB. Zin=Zout=20000hms. Dimensions. 50x18x18 mm. Drop in exact replacement.

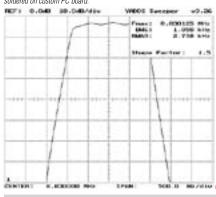


#### INRAD-95 TS570

96,40 EUR GES 089 016 34

INRAD 1800Hz/8830kHz KENWOOD TS570

Filter 1800Hz/-6dB, 8830kHz, SSB, Shape Factor 1.7, Ultimate rejection >90dB, Ripple <2dB. Typical Insertion Loss: <5dB. Dimensions: 50x18x18 mm. Filter soldered on custom PC board.

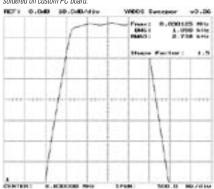


#### INRAD-95 TS850/TS950

96.40 EUR GES 089 002 21

INRAD 1800Hz/8830kHz KENWOOD TS850, TS950

Filter 1800Hz/-6dB, 8830kHz, SSB, Shape Factor 1.7. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <5dB. Dimensions: 50x18x18 mm. Filter soldered on custom PC board.



#### INRAD-96 TS140/TS680/TS930/940EUR GES 089 002 22

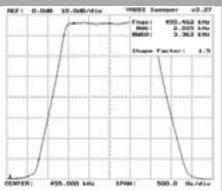
INRAD 2100Hz/455kHz KENWOOD TS140, TS680, TS930, TS940

Filter 2100Hz/-6dB, 455kHz, SSB, Shape Factor 1.5. Inrad filter is much larger than mfgr's filter. Wire in. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <5dB. 7in=7out=20000hms. Dimensions: 64x24x22 mm

96,40 EUR GES 089 016 32



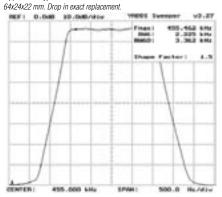
www.shop73.com - actual informations - www.shop73.com - internet web shop - www.shop73.com - customer support - www.shop73.com



#### INRAD-96 TS450S/TS690

153 EUR GES 089 002 23

INRAD 2100Hz/455kHz KENWOOD TS450S, TS690 Filter 2100Hz/-6dB 455kHz SSB Shape Factor 1.5 Ultimate rejection >90dB Ripple <2dB. Typical Insertion Loss: <5dB. Zin=Zout=2000 Ohms. Dimensions:

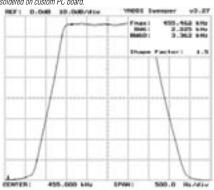


#### INRAD-96 TS850/TS950

153 EUR GES 089 002 24

INRAD 2100Hz/455kHz KENWOOD TS850, TS950

Filter 2100Hz/-6dB, 455kHz, SSB, Shape Factor 1.5, Ultimate rejection >90dB, Ripple <2dB. Typical Insertion Loss: <5dB. Dimensions: 64x24x22 mm. Filter soldered on custom PC board.



# INRAD-94 TS570

96,40 EUR GES 089 016 33

INRAD 2100Hz/8830kHz KENWOOD TS570

Filter 2100Hz/-6dB, 8830kHz, SSB, Shape Factor 1.5, Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <5dB. Dimensions: 50x18x18 mm. Filter soldered on custom PC board.

#### INRAD-94 TS450/690/850/95096,40 EUR GES 089 002 26

INRAD 2100Hz/8830kHz KENWOOD TS450S, TS690, TS850, TS950 Filter 2100Hz/-6dB, 8830kHz, SSB, Shape Factor 1.5. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <5dB. Dimensions: 50x18x18 mm. Filter soldered on custom PC board.

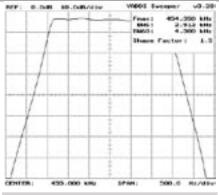
#### INRAD-94 TS930/TS940 96,40 EUR GES 089 002 27

INRAD 2100Hz/8830kHz KENWOOD TS930, TS940

Filter 2100Hz/-6dB, 8830kHz, SSB, Shape Factor 1.5. Inrad filter is much larger than mfgr's filter. Wire in. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <5dB. Dimensions: 50x18x18 mm.

#### INRAD-89 TS140/TS680/TS930/940EUR GES 089 002 28

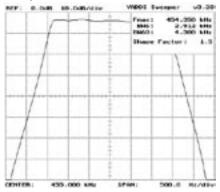
INRAD 2800Hz/455kHz KENWOOD TS140, TS680, TS930, TS940 Filter 2800Hz/-6dB, 455kHz, SSB, Shape Factor 1.5. Inrad filter is much larger than mfgr's filter. Wire in. Ultimate rejection >90dB. Ripple <2dB. Typical Inser tion Loss: <5dB. Zin=Zout=20000hms. Dimensions: 64x24x22 mm.



#### INRAD-89 TS450S/TS690

153 EUR GES 089 002 29

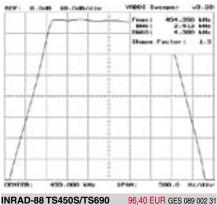
INRAD 2800Hz/455kHz KENWOOD TS450S, TS690 Filter 2800Hz/-6dB, 455kHz, SSB, Shape Factor 1.5. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <5dB. Dimensions: 64x24x22 mm. Drop in exact replacement



#### INRAD-89 TS850/TS950

153 EUR GES 089 002 30

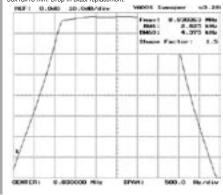
INRAD 2800Hz/455kHz KENWOOD TS850, TS950 Filter 2800Hz/-6dB, 455kHz, SSB, Shape Factor 1.5. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <5dB. Dimensions: 64x24x22 mm. Filter soldered on custom PC board



#### INRAD-88 TS450S/TS690

INRAD 2800Hz/8830kHz KENWOOD TS450S, TS690

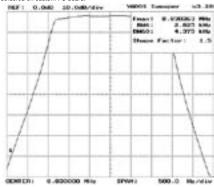
Filter 2800Hz/-6dB, 8830kHz, SSB, Shape Factor 1.5, Ultimate rejection > 90dB. Ripple <2dB. Typical Insertion Loss: <5dB. Zin=Zout=20000hms. Dimensions: 50x18x18 mm. Drop in exact replacement.



#### **INRAD-88 TS570**

INRAD 2800Hz/8830kHz KENWOOD TS570

Filter 2800Hz/-6dB, 8830kHz, SSB, Shape Factor 1.5. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <5dB. Dimensions: 50x18x18 mm. Filter soldered on custom PC board.

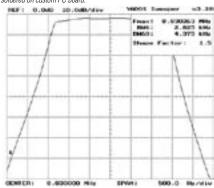


#### INRAD-88 TS850/TS950

96.40 EUR GES 089 002 32

INRAD 2800Hz/8830kHz KENWOOD TS850, TS950

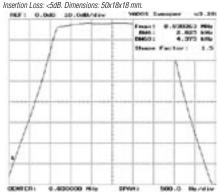
Filter 2800Hz/-6dB, 8830kHz, SSB, Shape Factor 1.5. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <5dB. Dimensions: 50x18x18 mm. Filter soldered on custom PC board.



#### INRAD-88 TS930/TS940

96,40 EUR GES 089 002 33

INRAD 2800Hz/8830kHz KENWOOD TS930 TS940 Filter 2800Hz/-6dB, 8830kHz, SSB, Shape Factor 1.5. Inrad filter is much larger than mfgr's filter. Wire in. Ultimate rejection >90dB. Ripple <2dB. Typical

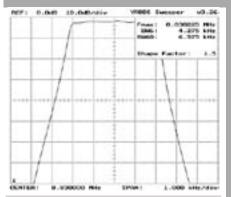


# INRAD-475 TS450S/TS690 96,40 EUR GES 089 002 34

INRAD 4000Hz/8830kHz KENWOOD TS450S, TS690

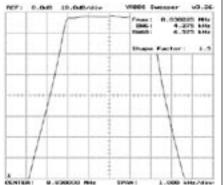
Filter 4000Hz/-6dB, 8830kHz, AM, Shape Factor 1.6. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <5dB. Zin=Zout=20000hms. Dimensions. 50x18x18 mm. Drop in exact replacement.





#### INRAD-475 TS850/930/940/9506,40 EUR GES 089 002 35

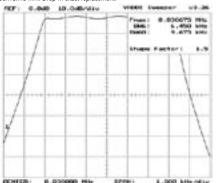
INRAD 4000Hz/8830kHz KENWOOD TS850, TS930, TS940, TS950 Filter 4000Hz/-6dB, 8830kHz, AM, Shape Factor 1.6. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <5dB. Dimensions: 50x18x18 mm. Filter soldered on custom PC board.



### INRAD-100 TS450S/TS690 96,40 EUR GES 089 002 36

INRAD 6000Hz/8830kHz KENWOOD TS450S, TS690

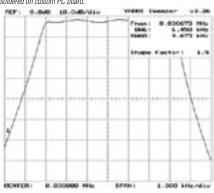
Filter 6000Hz/-6dB, 8830kHz, AM, Shape Factor 1.6. Ultimate rejection >90dB Ripple <2dB. Typical Insertion Loss: <5dB. Zin=Zout=20000hms. Dimensions: 50x18x18 mm. Drop in exact replacement.



#### INRAD-100 TS850/TS950 96.40 EUR GES 089 002 37

INRAD 6000Hz/8830kHz KENWOOD TS850, TS950

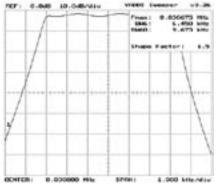
Filter 6000Hz/-6dB, 8830kHz, AM, Shape Factor 1.6. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <5dB. Dimensions: 50x18x18 mm. Filter soldered on custom PC board.



#### INRAD-100 TS930/TS940 96,40 EUR GES 089 002 38

INRAD 6000Hz/8830kHz KENWOOD TS930, TS940

Filter 6000Hz/-6dB, 8830kHz, AM, Shape Factor 1.6. Drop in but filter slightly larger in size than original. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <5dB. Dimensions: 50x18x18 mm.



#### INRAD-260 TS430

#### 96,40 EUR GES 089 017 89

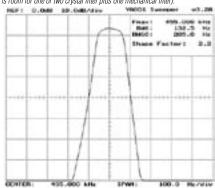
INRAD 6000Hz/8831.5kHz KENWOOD TS430 (≈YK88A KENWOOD) Filter 6000Hz/-6dB, 8831.5kHz, AM, Shape Factor 1.6. Drop in but filter slightly larger in size than original. Ultimate rejection >90dB. Ripple <2dB. Typical Insertion Loss: <5dB. Dimensions: 50x18x18 mm.

## IF Filters INRAD for YAESU

#### INRAD-719 153 EUR GES 089 002 39

INRAD 125Hz/455kHz YAESIJ FT847 FT990

Filter 125Hz/-6dB, 455kHz, CW; Crystal filter. Much better shape factor. Mounted on custom PC board, drop in. (For FT847 only: This filter has much large dimensions and will not fit in the socket. Must be wired in. In the FT847 TCVR is room for one or two crystal filter plus one mechanical filter).

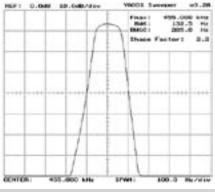


#### INRAD-719C

#### 153 EUR GES 089 002 40

INRAD 125Hz/455kHz YAESU FT1000, FT1000MP, MARKV

Filter 125Hz/-6dB, 455kHz, CW; For Main or Sub-receiver; Filter is soldered on custom PC board.

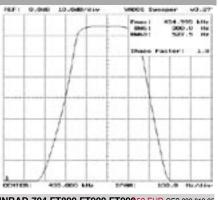


## INRAD-704 FT847

## 153 EUR GES 089 002 41

INRAD 250Hz/455kHz YAESU FT847

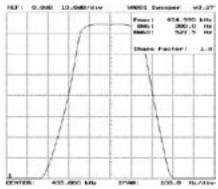
Filter 250Hz/-6dB, 455kHz, CW; Crystal filter. Much better shape factor. (For FT847 only: This filter has much larger dimensions and will not fit in the socket. Must be wired in. In the FT847 TCVR is room for one or two crystal filter plus one mechanical filter).



#### INRAD-704 FT890,FT900,FT99053 EUR GES 089 019 25

INRAD 250Hz/455kHz YAESU FT890, FT900, FT990

Filter 250Hz/-6dB, 455kHz, CW. Ultimate rejection >80dB. Ripple <2dB. Typical insertion loss <9dB. Zin/Zout 500 Ohms. Solder in filter; replace OEM filter and solder connections.

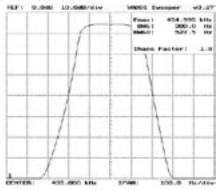


#### INRAD-704C

#### 153 EUR GES 089 002 42

INRAD 250Hz/455kHz YAESU FT1000, FT1000MP, MARKV

Filter 250Hz/-6dB, 455kHz, CW; For Main or Sub-receiver; Filter is soldered on custom PC board.



#### **INRAD-21**

#### 153 EUR GES 089 002 43

INRAD 250Hz/455,7kHz YAESU FT1000 Sub Receiver

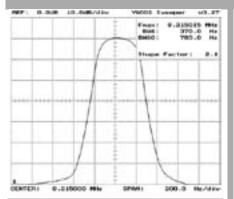
Filter 250Hz/-6dB, 455,7kHz, CW; For Sub-receiver FT1000; Wire In at place

# INRAD-708B

## 115 EUR GES 089 002 44

INRAD 250Hz/8215kHz YAESU FT1000, FT1000MP, MARKV, (FT920) Filter 250Hz/-6dB, 8215kHz, CW; Filter is soldered on custom PC board. For FT-920 aplicable when the INRAD FT-920 SWITCHBOARD MOD (GES 089 017 40) board will be used.





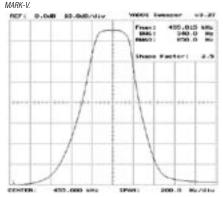


114 EUR GES 089 002 45

INRAD 250Hz/8215,9kHz YAESU FT840

Filter 250Hz/-6dB, 8215,9kHz, CW. Filter mounted on custom PC.

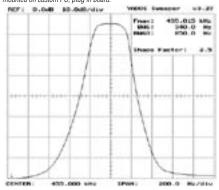
INRAD 300Hz/455kHz YAESU FT847, FT1000, FT1000MP, MARKV Filter 300Hz/-6dB 455kHz CW Collins mechanical filter mounted on custom PC, plug in board. For Main and Sub-receiver of FT1000, FT1000MP and



#### INRAD-712E

125 EUR GES 089 002 48

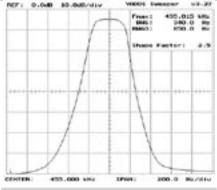
INRAD 300Hz/455kHz YAESU FT817 Filter 300Hz/-6dB, 455kHz, CW; Shape Factor 2.5. Collins mechanical filter mounted on custom PC, plug in board.



125 EUR GES 089 002 49

INRAD 300Hz/455kHz YAFSI J FT857 FT897

Filter 300Hz/-6dB, 455kHz, CW; Shape Factor 2.5, Collins mechanical filter mounted on custom PC, plug in board.

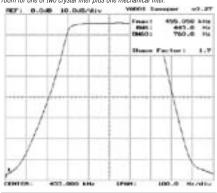


#### INRAD-703

153 EUR GES 089 002 50

INRAD 400Hz/455kHz YAESU FT847

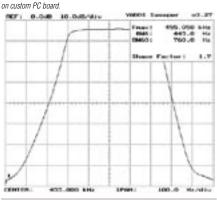
Filter 400Hz/-6dB, 455kHz, CW; Crystal filter. Much better shape factor. Much larger dimensions, will not fit in the socket. Must be wired in. In the TCVR is room for one or two crystal filter plus one mechanical filter.



#### INRAD-703C

153 EUR GES 089 002 51

INRAD 400Hz/455kHz YAESU FT1000, FT1000MP, MARKV Filter 400Hz/-6dB, 455kHz, CW; For Main or Sub-receiver; Filter is soldered

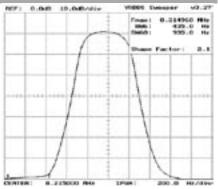


153 EUR GES 089 002 52

INRAD 400Hz/455 7kHz YAFSII FT1000 Sub Receiver Filter 400Hz/-6dB 455 7kHz CW: For Sub-receiver FT1000: Wire In at place

115 EUR GES 089 002 53

INRAD 400Hz/8215kHz YAESU FT1000, FT1000MP, MARKV, (FT920) Filter 400Hz/-6dB, 8215kHz, CW; Filter is soldered on custom PC board. For FT-920 aplicable when the INRAD FT-920 SWITCHBOARD MOD (GES 089 017 40) board will be used.

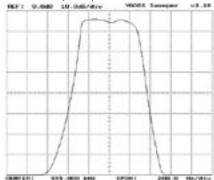


#### INRAD-721

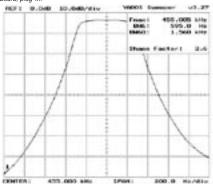
153 EUR GES 089 002 55

INRAD 500Hz/455kHz YAESU FT847

Filter 500Hz/-6dB, 455kHz, CW; Crystal filter. Much better shape factor. Much larger dimensions, will not fit in the socket. Must be wired in. In the TCVR is room for one or two crystal filter plus one mechanical filter.



INRAD 500Hz/455kHz YAESIJ FT847 FT1000 FT1000MP MARKV Filter 500Hz/-6dB, 455kHz, CW; For FT1000, FT1000MP and MARK-V good for Main or Sub-receiver; Collins Mechanical Filter. Mounted on custom PC Board, plug-in.



#### INRAD-705E

125 EUR GES 089 002 57

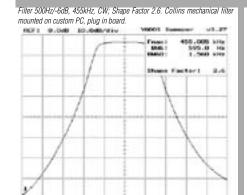
INRAD 500Hz/455kHz YAESU FT817

Filter 500Hz/-6dB, 455kHz, CW; Shape Factor 2.6. Collins mechanical filter mounted on custom PC, plug in board.



INRAD 500Hz/455kHz YAESU FT857, FT897

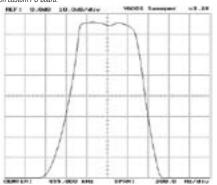




#### 153 EUR GES 089 002 59

INRAD 500Hz/455kHz YAESU FT1000, FT1000MP, MARKV

Filter 500Hz/-6dB, 455kHz, CW; For Main or Sub-receiver; Filter is soldered on custom PC board



#### INRAD-120A

114 EUR GES 089 002 60

INRAD 500Hz/8215.9kHz YAESU FT840

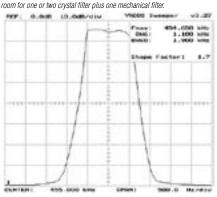
INRAD 1000Hz/455kHz YAFSII FT847

Filter 500Hz/-6dB, 8215,9kHz, CW. Filter mounted on custom PC.

#### INRAD-713

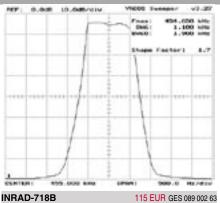
153 EUR GES 089 002 61

Filter 1000Hz/-6dB, 455kHz, CW; Crystal filter, Much better shape factor, Much larger dimensions, will not fit in the socket. Must be wired in. In the TCVR is



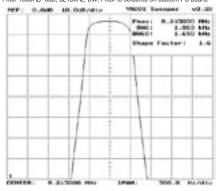
#### INRAD-713C 153 EUR GES 089 002 62

INRAD 1000Hz/455kHz YAESU FT1000, FT1000MP, MARKV Filter 1000Hz/-6dB, 455kHz, CW; For Main or Sub-receiver; Filter is soldered on custom PC board.



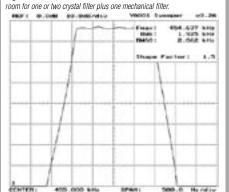
INRAD 1000Hz/8215kHz YAESU FT1000, FT1000MP, MARKV

Filter 1000Hz/-6dB, 8215kHz, CW; Filter is soldered on custom PC board.



#### INRAD-714 INRAD 1800Hz/455kHz YAFSI I FT847

Filter 1800Hz/-6dB, 455kHz, SSB; Crystal filter. Much better shape factor. Much larger dimensions, will not fit in the socket. Must be wired in. In the TCVR is

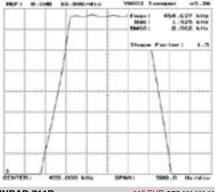


# INRAD-714C

153 EUR GES 089 002 65

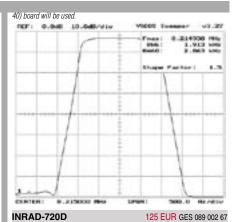
153 EUR GES 089 002 64

INRAD 1800Hz/455kHz YAESU FT1000, FT1000MP, MARKV Filter 1800Hz/-6dB, 455kHz, SSB; For Main or Sub-receiver; Filter is soldered on custom PC board.



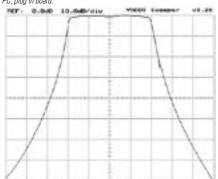
#### INRAD-711B 115 EUR GES 089 002 66

INRAD 1800Hz/8215kHz YAESU FT1000, FT1000MP, MARKV, (FT920) Filter 1800Hz/-6dB, 8215kHz, SSB; Filter is soldered on custom PC board. For FT-920 aplicable when the INRAD FT-920 SWITCHBOARD MOD (GES 089 017



INRAD 2000Hz/455kHz YAESU FT847

Filter 2000Hz/-6dB, 455kHz, CW. Collins mechanical filter mounted on custom PC, plug in board

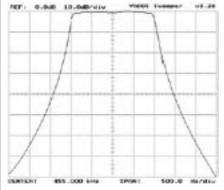


### INRAD-720C

125 EUR GES 089 002 68

INRAD 2000Hz/455kHz YAESU FT1000, FT1000MP, MARKV

Filter 2000Hz/-6dB, 455kHz, SSB; For Main or Sub-receiver; Collins Mechanical Filter

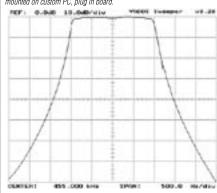


#### **INRAD-720E**

125 EUR GES 089 002 69

INRAD 2000Hz/455kHz YAESU FT817

Filter 2000Hz/-6dB, 455kHz, SSB; Shape Factor 1.9. Collins mechanical filter mounted on custom PC, plug in board.



INRAD-720F

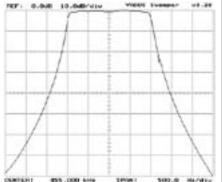
INRAD 2000Hz/455kHz YAESU FT857, FT897

All our catalog prices are inclusive of VAT and come on from 1€ = 28,20 CZK. Selling prices will be calculated with CNB daily rate. Variation of prices and range of goods is reserved. i - for more info and our prices see on www.shop73.com O - sale

125 EUR GES 089 002 70



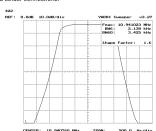
Filter 2000Hz/-6dB, 455kHz, SSB; Shape Factor 1.9. Collins mechanical filter mounted on custom PC, plug in board. 0.040 10.040/VIV



#### INRAD-422

INRAD 2000Hz/10940kHz YAESU FT990

Filter 2000Hz/-6dB, 10940kHz, SSB, Ultimate rejection >80dB, Ripple <2dB. Typical insertion loss <6dB. Zin/Zout 500 Ohms. Solder in filter; replace OEM filter and solder connections



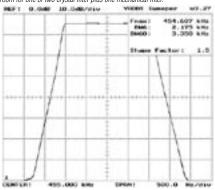
#### INRAD-702

#### 165 EUR GES 089 002 71

104 EUR GES 089 019 24

INRAD 2100Hz/455kHz YAESU FT847

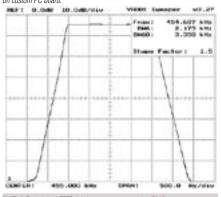
Filter 2100Hz/-6dB, 455kHz, SSB; Crystal filter. Much better shape factor. Much larger dimensions, will not fit in the socket. Must be wired in. In the TCVR is room for one or two crystal filter plus one mechanical filter.



#### INRAD-702C

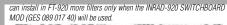
# 153 EUR GES 089 002 72

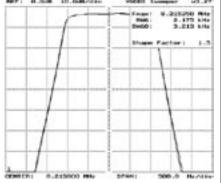
INRAD 2100Hz/455kHz YAESU FT1000, FT1000MP, MARKV Filter 2100Hz/-6dB, 455kHz, SSB; For Main or Sub-receiver; Filter is soldered on custom PC board.



#### INRAD-709.1/FT-920 125 EUR GES 089 017 39

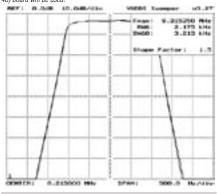
INRAD 2100Hz/8215kHz YAESU FT920. Replace directly OEM 2.4kHz filter Filter 2100Hz/-6dB, 8215kHz, SSB; Filter is soldered on little board called SSB ADAPTER BOARD. You can instal one filter, replacing the OEM 2.4kHz filter. You





#### INRAD-709B 115 EUR GES 089 002 73

INRAD 2100Hz/8215kHz YAESU FT1000, FT1000MP, MARKV, (FT920) Filter 2100Hz/-6dB, 8215kHz, SSB; Filter is soldered on custom PC board. For FT-920 anticable when the INRAD FT-920 SWITCHBOARD MOD (GFS 089 017 40) board will be used.

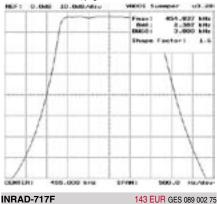


# **INRAD-717E**

#### 115 EUR GES 089 002 74

INRAD 2300Hz/455kHz YAESU FT817

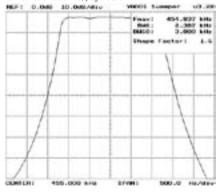
Filter 2300Hz/-6dB, 455kHz, SSB; Shape Factor 1.6. Collins mechanical 10-pole filter mounted on custom PC, plug in board.



#### **INRAD-717F**

#### INRAD 2300Hz/455kHz YAFSU FT857, FT897

Filter 2300Hz/-6dB, 455kHz, SSB; Shape Factor 1.6, Collins mechanical 10-pole filter mounted on custom PC, plug in board.

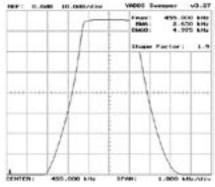


#### INRAD-706D

125 EUR GES 089 002 76

INRAD 2600Hz/455kHz YAESU FT847

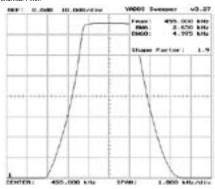
Filter 2600Hz/-6dB, 455kHz, CW. Collins mechanical filter mounted on custom PC, plug in board.



#### INRAD-706C

125 EUR GES 089 002 77

INRAD 2600Hz/455kHz YAESU FT1000, FT1000MP, MARKV Filter 2600Hz/-6dB, 455kHz, SSB; For Main or Sub-receiver; Collins Mechanical Filter

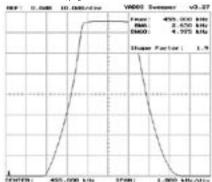


#### INRAD-706E

125 EUR GES 089 002 78

INRAD 2600Hz/455kHz YAESU FT817

Filter 2600Hz/-6dB, 455kHz, SSB; Shape Factor 2.0. Collins mechanical filter mounted on custom PC, plug in board.

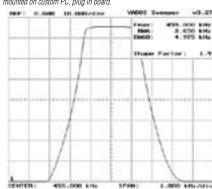


#### INRAD-706F

125 EUR GES 089 002 79

INRAD 2600Hz/455kHz YAESU FT857, FT897

Filter 2600Hz/-6dB, 455kHz, SSB; Shape Factor 2.0. Collins mechanical filter mounted on custom PC, plug in board





#### INRAD-715 153 EUR GES 089 002 80

INRAD 2800Hz/455kHz YAESU FT847

Filter 2800Hz/-6dB, 455kHz, SSB; Crystal filter. Much better shape factor. Much larger dimensions, will not fit in the socket. Must be wired in. In the TCVR is room for one or two crystal filter plus one mechanical filter.

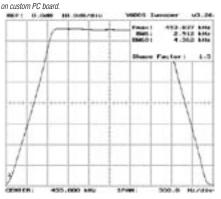


#### INRAD-715C

153 EUR GES 089 002 81

115 EUR GES 089 002 82

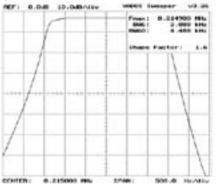
INRAD 2800Hz/455kHz YAESU FT1000, FT1000MP, MARKV Filter 2800Hz/-6dB, 455kHz, SSB; For Main or Sub-receiver; Filter is soldered



#### INRAD-716B

INRAD 2800Hz/8215kHz YAESU FT1000, FT1000MP, MARKV, (FT920) Filter 2800Hz/-6dB, 8215kHz, SSB; Filter is soldered on custom PC board. For FT-920 aplicable when the INRAD FT-920 SWITCHBOARD MOD (GES 089 017

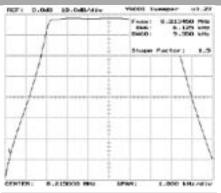
40) board will be used.



#### INRAD-710B

115 EUR GES 089 002 83

INRAD 6000Hz/8215kHz YAESU FT1000, FT1000MP, MARKV Filter 6000Hz/-6dB, 8215kHz, AM; Filter is soldered on custom PC board.



#### INRAD-MPSRF FT1000MP i 179 EUR GES 089 002 86

INRAD Roofing Filter 4kHz/70.455MHz for FT1000MP, MARKV FT1000MP Series

The FT1000MP (MARK-V and FIELD inclusive) Roofing Filter help to reduce the third order IM products from multiple strong signals in the 2 to 20kHz region either side of the tuned frequency. IMD dynamic range will be improved 10dB or more for some signal spacing. Filter is assembled on PCB with High Dynamic Range Feedback Amplifier, which cover the Filter loss plus a dB or two



#### INRAD-FT1000&FT1000D ROO-

FING F

179 EUR GES 089 019 31 INRAD Roofing Filter 4kHz/73.62MHz for FT1000, FT1000D

This Roofing Filter for older YAESU models FT1000 and FT1000D help to reduce the third order IM products from multiple strong signals in the 2 to 20kHz region either side of the tuned frequency. IMD dynamic range will be improved 10dB or more for some signal spacing. Filter is assembled on PCB with High Dynamic Range Feedback Amplifier, which cover the Filter loss plus a dB or two.



# IF Filters YAESU VERTEX STAN-DARD for YAESU

#### YF-110CN

81,40 EUR GES 089 000 80

YAESU Xtal Narrow CW Filter (250Hz/455kHz) for FT1000MP, MARKV (XF-F)



#### YF-114CN

53.60 EUR GES 089 000 84

YAESU Xtal Narrow CW Filter (250Hz/8.2MHz) for FT1000MP, MARKV



#### YF-122CN

99,70 EUR GES 089 000 92

YAESU Mechanical Collins CW Filter (300Hz/455kHz) FT817,FT857,FT897 Filter Collins 300Hz/-6dB, 1000Hz/-60dB, 455kHz, CW. In the FT857 and FT897 TCVR is room for one or maximal two filter. In the FT817 TCVR is room for onlz one filter.



#### XF-117CN

114 EUR GES 089 000 78

YAESU Xtal Narrow CW Filter (300Hz/11.705MHz) for FT100



#### YF-122C

99.70 EUR GES 089 000 91

YAESU Mechanical Collins CW Filter 500Hz/455kHz for FT817,FT857,FT897 Filter Collins 500Hz/-6dB, 2000Hz/-60dB, 455kHz, CW. In the FT857 and FT897 TCVR is room for one or maximal two filter. In the FT817 TCVR is room for onlz one filter



#### YF-115C

95 EUR GES 089 000 86

YAESU Mechan, Collins CW Filter (500Hz/455kHz) FT847, FT1000MP.



#### XF-110C

98,20 EUR GES 089 000 77

YAESU Xtal CW Filter (500Hz/455kHz) for FT890, FT900, FT1000



#### YF-110C

92,20 EUR GES 089 000 79

YAESU Xtal CW Filter (500Hz/455kHz) for FT1000 (XF-E)

YF-112C 37,90 EUR GES 089 000 83 YAESH Xtal CW Filter (500Hz/8 2MHz) for FT840



#### YF-110SN

83,20 EUR GES 089 000 81

YAESU Xtal Narrow SSB Filter (2000Hz/455kHz) FT1000MP, MARKV (XF-D)





www.shop73.com - actual informations - www.s

# YF-114SN 53,60 EUR GES 089 000 85 WICK

YAESU Xtal Narrow SSB Filter (2000Hz/8.2MHz) for FT1000MP, MARKV



#### YF-122S

#### 114 EUR GES 089 000 93

YAESU Mechanical Collins SSB Filter (2300Hz/455kHz) FT817,FT857,FT897 Filter Collins 2300Hz/-6d8, 4700Hz/-66dB, 455kHz, SSB. In the FT857 and FT897 TCVR is room for one or maximal two filter. In the FT817 TCVR is room for onlz one filter.



#### YF-115S-02

#### 95 EUR GES 089 000 88

YAESU Mechanical Collins SSB Filter (2500Hz/455kHz) for FT847



#### YF-115S

#### 95 EUR GES 089 000 87

YAESU Mechanical Collins SSB Filter (2500Hz/455kHz) for FT900AT, FT890



#### YF-112A

# 37,90 EUR GES 089 000 82

YAESU Xtal AM Filter (6000Hz/8.2MHz) for FT840



#### YF-116A

### 47,50 EUR GES 089 000 89

YAESU Xtal AM Filter (6000Hz/8215kHz) for FT920



# **Audio Filters**

VEC-820KCO	i 1	,76 EUR GES 089 015 49

Case for VEC 820K

VEC-884 i 264 EUR GES 089 015 57

Super Tunable DSP Filter



# . .

# Microphones, Headphones, Headsets

# HEIL SOUND - Microphones for commercial broadcast

#### PR-20

#### 3 FUR GES 089 016 50

HEIL Proline Cardioid Dynamic Voice and Instrument Microphone

The PR20 has been designed for commercial recordning and live sound reinforcement applications. Use a special magnet structure and a large aluminium 1-1/8" low mass voice coil assembly. Frequency range is 50Hz to 18Hz is usable in extrem high sound pressure levels and is immune to overload conditions maging perfect for vocals. This is one great live vocal microphone that has finally replaced the \_ball mic" of the 1970s. Heil PR20 come in a leatherette carrying bag with mic clip, one gold+one black+one silver microphone screen and acoustical foam windcsreen. For amateur radio a CC-1 XLR3 cable is needed to interface with your TCVR. PR-20 has a XLR3 male connector. Impedance is 600 Ohms ballanced.



# PR-30

#### 219 EUR GES 089 016 49

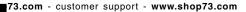
HEIL Proline Large Diameter Dynamic Studio Microphone



#### PR-40

#### 275 EUR GES 089 014 53

HEIL Proline Broadcast and Recording Studio Microphone





# **HEIL SOUND - Microphones**

#### MIC-SEL-CHART i

0 EUR GES 089 016 78

HEIL SOUND: The Microphones Selection Chart

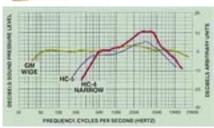
#### GM-4

# 133 EUR GES 089 014 63

HEIL The Gold Standard of Microphones. Broadcast Full-Range and HC4 (DX Dream)

GM-4 has Cardioid Polar Pattern, impedance is 1000 Ohms. Microphone has PTT switch and WIDE/NARROW switch. Frequency response WIDE is 50Hz-16kHz/-3dB (+4dB/2000Hz, HC-4 element), NARROW is 600Hz-8kHz/-3dB (+4dB/2000Hz, HC-5 elemnt). Microphone has a XLR 4PIN male connector and the CC-1-XLR4 adapter is required to interface microphone with your TCVR.





#### GM-5

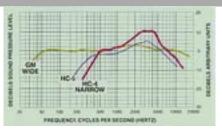
133 EUR GES 089 014 64

HEIL The Gold Standard of Microphones. Broadcast Full-Range and HC5 Elements

GM-5 has Cardioid Polar Pattern, impedance is 1000 0hms. Microphone has PTT switch and WIDE/NARROW switch. Frequency response WIDE is 50Hz-16kHz/-3dB (+4dB/2000Hz, HC-4 element), NARROW is 300Hz-8kHz/-3dB (+4dB/2000Hz, HC-5 elemnt). Microphone has a XLR 4PIN male connector and



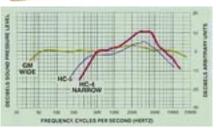




#### GM-VINTAGE 1 143 EUR GES 089 016 41

HEIL The Gold Standard High Impedace Microphone for Vintage Radios GM-VINTAGE Microphone has Cardioid Polar Pattern, impedance is 30.000 Ohms (built-in impedance transformer XT-1). Microphone has PTT switch and WIDE/NARROW switch. Frequency response WIDE is 60Hz-16kHz/-3dB (+4dB/ 2000Hz), in the NARROW position the low end response rolls off. Microphone has a XLR 4PIN male connector and the CC-1-XLR4 adapter is required to interface microphone with your TCVR.





#### HM-10-4 80.70 EUR GES 089 014 65

HEIL Communications Cardioid Microphone with HC4 (DX Dream Machine) element

HM-10-DUAL has Cardioid Polar Pattern, impedance is 600 Ohms, Microphone has the PTT switch. Frequency response is 600Hz-6000Hz/-3dB (+10dB/2000Hz, HC-4 element) Microphone has a XLR 4PIN male connector and the CC-1-XLR4 adapter is required to interface microphone with your TCVR.



#### HM-10-5 80,70 EUR GES 089 014 66

HEIL Communications Cardioid Microphone with HC5 (Full Range Element) HM-10-DUAL has Cardioid Polar Pattern, impedance is 600 Ohms. Microphone has PTT switch. Frequency response is 300Hz-6000Hz/-3dB (+6dB/2000Hz. HC-5 elemnt). Microphone has a XLR 4PIN male connector and the CC-1-XLR4 adapter is required to interface microphone with your TCVR.



#### HM-10-DUAL i

129 EUR GES 089 014 67

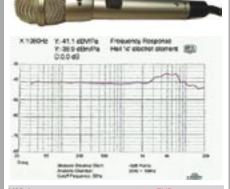
HEIL Comunications Cardioid Dual Element Microphone with HC4 and HC5 elements

HM-10-DUAL has Cardioid Polar Pattern, impedance is 600 Ohms. Microphone has PTT switch and WIDE/NARROW switch. Frequency response WIDE is 600Hz-6000Hz/-3dB (+10dB/2000Hz, HC-4 element), NARROW is 300Hz-6000Hz/-3dB (+6dB/2000Hz, HC-5 elemnt). Microphone has a XLR 4PIN male connector and the CC-1-XI R4 adapter is required to interface microphone with your TCVR.



89 30 FUR GES 089 014 50

HEIL High Performance Electret Mike for ICOM only, with 8PIN Cable For ICOM only. 8PIN cable attached.



85,70 EUR GES 089 016 44

HEIL Handy Microphone with HC4 (DX Dream Machine) and PTT CH-1 adapter required to interface HM series microphone with your TCVR.



HEIL Handy Microphone with HC5 (Full Range) and PTT switch CH-1 adapter required to interface HM series microphone with your TCVR.



#### HM-PRO

85,70 EUR GES 089 016 47

HEIL Handy Mic with cardioid broadcast element, with PTT switch CH-1 adapter required to interface HM series microphone with your TCVR.



85,70 EUR GES 089 016 46

HEIL Handy Microphone with IC electret (ICOM only) and PTT CH-1 adapter required to interface HM series microphone with your TCVR.



#### HM-PRO PLUS

80,70 EUR GES 089 016 48

HEIL Handy Mic with cardioid broadcast element. No PTT CH-1 adapter required to interface HM series microphone with your TCVR.





HCL-4 250 EUR GES 089 014 61

HEIL Classic Microphone with HC4 and PROLINE Elements
CC-1 adapter required to interface HCL series microphone with your TCVR.





HCL-5 250 EUR GES 089 016 42

HEIL Classic Microphone with HC5 and PROLINE Elements
CC-1 adapter required to interface HCL series microphone with your TCVR.





# **CL-IC** 250 EUR GES 089 016 43

HEIL Classic Microphone with IC (ICOM only) and PROLINE Elements CC-1 adapter required to interface HCL series microphone with your TCVR.





HCLP 209 EUR GES 089 016 51
HEIL Proline Classic Broadcast Recording Studio Cardioid Microphone





#### HERITAGE i 145 EUR GES 089 014 54

HEIL Proline Cardioid Dynamic Studio Microphone. Look of the ,50s Extra option: CB-1 Classic Base Stand, PL-2T Articulated Boom, CC-1 XLR ky or i Adapter Cable, XLR female Connector.



HC-4 i 43,60 EUR GES 089 014 92

HEIL DX Dream Machine Mic Element



HC-5 i 43,60 EUR GES 089 014 93

HEIL Full Range Communications Mic Element



#### CC-1-XLR4/I8 30,40 EUR GES 089 019 12

HEIL Adapter cable Classic, GM, HM-10 (4PIN XLR) to Icom (8PIN)
Cable for connecting a microphone with a 4PIN XLR connector on microphone
side, and a 8PIN ICOM (IC751, IC775, IC781, IC756PRO etc.) microphone
connector at TCVR side. Cable has a PTT female Jack 6,3mm connector for
HS-1 hand switch or a FS-2 foot switch at TCVR side.



# CC-1-XLR4/K8 30,40 EUR GES 089 019 13

HEIL Adapter cable Classic, GM, HM-10 (4PIN XLR) to Kenwood (8PIN)
Cable for connecting a microphone with a 4PIN XLR connector on microphone
side, and a 8PIN Kenwood (TS440, TS570, TS870, TS2000 etc.) microphone
connector at TCVR side. Cable has a PTT female Jack 6,3mm connector for
HS-1 hand switch or a FS-2 foot switch at TCVR side.





#### CC-1-XLR4/Y4

#### 30,40 EUR GES 089 019 15

HEIL Adapter cable Classic, GM, HM-10 (4PIN XLR) to Yaesu (4PIN)
Cable for connecting a microphone with a 4PIN XLR connector on microphone
side, and a older 4PIN Yaesu microphone connector at TCVR side. Cable has
a PTT female Jack 6,3mm connector for HS-1 hand switch or a FS-2 foot
switch at TCVR side.



# CC-1-XLR4/Y8

## 30,40 EUR GES 089 019 14

HEIL Adapter cable Classic, GM, HM-10 (4PIN XLR) to Yaesu (8PIN)
Cable for connecting a microphone with a 4PIN XLR connector on microphone
side, and a 8PIN Yaesu (F1847, F1920, F11000 etc.) microphone connector
at TCVR side. Cable has a PTT female Jack 6,3mm connector for HS-1 hand
switch or a FS-2 foot switch at TCVR side.



#### CC-1-XLR4/YM

#### 30,40 EUR GES 089 019 16

HEIL Adapter cable Classic, GM, HM-10 (4PIN XLR) to Yaesu (RJ-Modular) Cable for connecting a microphone with a 4PIN XLR connector on microphone side, and a 8PIN flat RJ-Modular Yaesu (FT817, FT857, FT897 etc.) microphone connector at TCVR side. Cable has a PTT female Jack 6,3mm connector for HS-1 hand switch or a FS-2 foot switch at TCVR side.

## CC-1-XLR3/I8 30,40 EUR GES 089 014 57

HEIL Adapter cable Classic-Pro,GM-Pro,Herritage (3PIN XLR) to Icom (8PIN) Cable for connecting balanced Proline microphone to TCVR. Cable has a 3PIN XLR connector on microphone side, and a 8PIN ICOM microphone connector at TCVR side. Cable has a PTT tenale Jack 6,3mm connector for HS-1 hand switch or a FS-2 foot switch at TCVR side.



#### Adapters (Adaptéry) CC-1:

Decreased of Feet (Fig. 6)

Icom = Blue (Modrá)

Ten Tec - Black (Černá)

Yaesu - Yellow (Žlutá) Collins - White (Bilá)

Drake = Black (Černá)

#### CC-1-XLR3/K8

#### 30,40 EUR GES 089 014 55

HEIL Adapter cable Classic-Pro,GM-Pro,Herritage (3PIN XLR) to Kenwood (APIN)

Cable for connecting balanced Proline microphone to TCVR. Cable has a 3PIN XLR connector on microphone side, and a 8PIN Kenwood microphone connector at TCVR side. Cable has a PTT female Jack 6,3mm connector for HS-1 hand switch or a FS-2 foot switch at TCVR side.



# Adapters (Adaptery) CC-1:

December 1 Paul 1 Paul 100

Icom = Blue (Modrá)

Manage - Mallace (St. 44)

Yaesu - Yellow (Zlutá)

Collins = White (Bilá)

#### CC-1-XLR3/Y8

#### 30,40 EUR GES 089 014 56

HEIL Adapter cable Classic-Pro,GM-Pro,Herritage (3PIN XLR) to Yaesu (8PIN)

Cable for connecting balanced Proline microphone to TCVR. Cable has a 3PIN XLR connector on microphone side, and a 8PIN Yaesu microphone connector at TCVR side. Cable has a PTI female Jack 6,3mm connector for HS-1 hand switch or a FS-2 tool switch at TCVR side.



## Adapters (Adaptéry) CC-1:

Interested - Bank House

Icom = Blue (Modrá)

Ten Tec - Black (Černá)

Yaesu - Yellow (Žlutá)

Collins = White (Bilá) Drake = Black (Černá)

## CC-1-XLR3/XLR3

#### 30,40 EUR GES 089 014 62

HEIL XLR 3PIN male to XLR 3PIN female Balanced Connector Cable, 2.5m



# Adapters (Adaptéry) CC-1:

the month of the life in

Icom = Blue (Modrá)

Ten Tec = Black (Černá) Yaesu = Yellow (Žlutá)

Collins = White (Bilá)

Drake = Black (Černá)

#### CH-1-I8

#### 23,90 EUR GES 089 016 60

HEIL Adapter Coil Cable for HM Microphone Series with ICOM 8-PIN

CH-1-IM 23,90 EUR GES 089 016 61

HEIL Adapter Coil Cable for HM Microphone Series with ICOM Modular

CH-1-K8 23,90 EUR GES 089 016 62

HEIL Adapter Coil Cable for HM Microphone Series with KENWOOD 8-PIN

CH-1-KM 23,90 EUR GES 089 016 63

# HEIL Adapter Coil Cable for HM Microphone Series with KENWOOD Modular

**CH-1-YM** 23,90 EUR GES 089 016 64
HEIL Adapter Coil Cable for HM Microphone Series with YAESU Modular



# **HEIL SOUND - Microphone Manage**ment Hardware

HEIL Microphone Topless Boom with Brass inserts in supplied C Clamp Supplied Accessories is C CLAMP mount, DT-1 Flush Mount, FL-2 Flange Mount, RS-1 Riser, WM-1 Wall Mount.



47,90 EUR GES 089 014 51

HEIL Small Boom Extendeable to 20", with Teflon Stern Supplied Accessories is C CLAMP mount.



DT-1 29,30 EUR GES 089 014 69

HEIL Desk Top Mount Flush with Brass Insert









23,90 EUR GES 089 016 52 HEIL Flange Mount with Brass Insert and thumb screw





SM-1 50 EUR GES 089 014 60 HEIL 1" Mic Shock Mount for 1" mics GM, iCM, HM, PR20

SM-2B 99,30 EUR GES 089 016 54 HEIL 2" Mic Shock Mount in black for PR30 and PR40 SM-2C 99,30 EUR GES 089 016 55

HEIL 2" Mic Shock Mount in champagne for PR30 and PR40





# Radio Communication Headphones

#### MFJ-392B

19,60 EUR GES 089 006 8

Radio Communicat.Headph.160hm/450mW/100Hz-24kHz;Vol.control:3.5mmJack

Impedance 16 Ohms / 1kHz, sensitivity 102 dB/mW. Weight 230 gram (8 ounces) only



YH-77STA

48,60 EUR GES 089 002 89

YAESU Light stereo earphone set for radiocommunications (open system)



#### HQP

102 EUR GES 089 016 26

HEIL Quiet Phone - Active Noise Cancelling Phones

HEIL QUIET PHONES is result of many years of research and development at Heil Sound. It contains the HEIL\_QUIET PHONE" tm active noise cancelling technology. Two sensitive out of phase microphones are implanted deep inside each earphone speaker. The microphones feed a differential amplifier located in the hand control/battery box. When switched "ON" the outside ambient noise is reduced by 15dB with the -3dB point set at 400Hz. This headset is internationally approved product of extra class. Rugged but lightweight headset reduces listening fatigue, reduces noise and enhance intelligibily. Operates on a single AA cell for 30 hours providing clean high fidelity dual channel audio. Right angle 1/8" plug for use with most of radios. Excellent for use in aircraft.



# **HY-GAIN** Headset

## **HEIL SOUND - Headsets**

#### PROSET QP-4

235 EUR GES 089 014 71

HEIL Highest Class Active Headset. With HC-4 Microphone Element for DX Headset PROSET has become the standard of leading contest and DX operators world-wide. Now, amateur radio's most popular boomset is available with the HEIL\_QUIET PHOME't ma citive noise cancelling technology. Two sensitive out of phase microphones are implanted deep inside each earphone speaker. The microphones feed a differential amplifier located in the hand control/battery box. When switched "ON" the outside ambient noise is reduced by 15dB with the -3dB point set at 400Hz. This headset is internationally approved product of extra class. Rugged but lightweight headset reduces listening fatigue, reduces noise and enhance intelligibility. Headset has special HC-5 Full Range microphone element. Added a speaker Phase Reversal switch alows to change the sound field between the two high quality speakers. "In Phase", the signal is centered in your head so you can "see" it better. "Out of Phase", the signals are spatially widened so they are easier to pick out of a pileup up. The AD-1 Series HEIL adaloter is not included.





#### PROSET QP-5i

235 EUR GES 089 014 72

HEIL Highest Class Active Headset. With HC-5 Microphone Element Headset PROSET has become the standard of leading contest and DX operators world-wide. Now, amateur radio's most popular boomset is available with the HEIL\_QUIET PHONE\*tm active noise cancelling technology. Two sensitive out of phase microphones are implanted deep inside each earphone speaker. The microphones feed a differential amplifier located in the hand control/battery box. When switched "ON" the outside ambient noise is reduced by 1504 with the -3dB point set at 400Hz. This headset is internationally approved product of extra class. Rugged but lightweight headset reduces listening fatigue, reduces noise and enhance intelligibility. Headset has a special HC-4 Dream Machine microphone for DXing. Added a speaker Phase Reversal switch alows to change the sound field between the two high quality speakers. "In Phase", the signals are spatially widened so they are easier to pick out of a pileup up. The AD-1 Series HEIL adapter is not included.





#### PROSET QP-ICOMi

251 EUR GES 089 014 73

HEIL Highest Class Active Headset, "IC" Microphone Element. ICOM only Headset PROSET has become the standard of leading contest and DX operators world-wide. Now, amateur radio's most popular boomset is available with the HEIL "QUIET PHONE" the active noise cancelling technology. Two sensitive out of phase microphones are implanted deep inside each earphone speaker. The microphones feed a differential amplifier located in the hand control/battery box. When switched "ON" the outside ambient noise is reduced by 15dB with the -3dB point set at 400Hz. This headset is internationally approved product of extra class. Rugged but lightweight headset reduces listening fatigue, reduces noise and enhance intelligibility. Headset has Icom Special Electret Full Range microphone. Added a speaker Phase Reversal switch alows to change the sound field between the two high quality speakers. "In Phase", the signal is centered in your head so you can "see" it better, "Out of Phase", the signals are spatially widened so they are easier to pick out of a pileup up. The AD-1 Series HEIL adapter for ICOM radio is included. For ICOM only.









#### PROSET PLUSI 205 EUR GES 089 014 74

HEIL Dual Mike Element Headset, 2 Mic. Elements HC-4,HC-5. Phase switch Headset PROSET PLUS is internationally approved product of extra class. Rugged but lightweight headset reduces listening fatigue, reduces noise and enhance intelligibility, Headset has two switchable microphone elements HC-4 (for DXing) and HC-5 (Full Range). Added a speaker Phase Reversal switch alows to change the sound field between the two high quality speakers. "In Phase", the signal is centered in your head so you can "see" it better. Out of Phase", the signals are spatially widened so they are easier to pick out of a pileup up. Use an AD-1 Series HEIL Adapter (not included) depending on your TCVR type.







#### PROSET PLUS ICOM i

220 EUR GES 089 014 75

HEIL Dual Mike Element Headset, 2 Mic. Elements, Phase sw. For ICOM only Headset PROSET PLUS is internationally approved product of extra class. Rugged but lightweight headset reduces listening fatigue, reduces noise and enhance intelligibility, Headset has two switchable microphone elements HC-4 (for DXing) and Icom Special (Full Range). Added a speaker Phase Reversal switch alows to change the sound field between the two high quality speakers. "In Phase", the signal is centered in your head so you can "see" it better. "Out of Phase", the signals are spatially widened so they are easier to pick out of a pileup up. The AD-1 Series HEIL adapter for ICOM ratio is included. For ICOM only.









#### PROSET 4

134 FUR GES 089 016 27

HEIL Highest Class Headset. With HC-4 Microphone Element for DXing The Pro Series Boomsets are designed to meet the high standards of the most critical Multi-Op Contester and DX Chasers. PROSET 4 is internationally approved product of extra class. Rugged but lightweight headset reduces listening fatigue, reduces noise and enhance intelligibility. Headset has special microphone element HC-4 for DXing. Added a speaker Phase Reversal switch alows to change the sound field between the two high quality speakers. "In Phase", the signal is centered in your head so you can "see" it better. "Out of Phase", the signal are spatially widened so they are easier to pick out of a pileup up. Use an AD-1 Series HEIL Adapter (not included) depending on your TCVR type.





PROSET 5

134 EUR GES 089 014 76

HEIL Highest Class Headset. With HC-5 Standard Microphone Element The Pro Series Boomsets are designed to meet the high standards of the most critical Multi-Op Contester and DX Chasers. PROSET 5 is Internationally approved product of extra class. Rugged but lightweight headset reduces listening fatique, reduces noise and enhance intelligibility. Headset has special full range microphone element HC-5. Added a speaker Phase Reversal switch alows to change the sound field between the two high quality speakers. In Phase\*, the signal is centered in your head so you can "see" it better. "Out of Phase\*, the signals are spatially widened so they are easier to pick out of a pileup up. Use an AD-1 Series HEIL Adapter (not included) depending on your TCVR type.







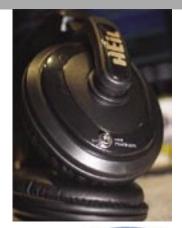
## PROSET ICOM

142 EUR GES 089 014 77

HEIL Highest Class Headset. With "iC" Mike Element. For ICOM only.

The Pro Series Boomsets are designed to meet the high standards of the most critical Multi-Op Contester and Dx Chasers. PROSET ICOM is internationally approved product of extra class. Rugged but lightweight headset reduces listening fatigue, reduces noise and enhance intelligibility. Headset has special full range ICOM microphone element. Added a speaker Phase Reversal switch alows to change the sound field between the two high quality speakers. "In Phase", the signal is centered in your head so you can "see" it better. "Out of Phase", the signals are spatially widened so they are easier to pick out of a pileup up.







BM-10-4 94,40 EUR GES 089 014 78
HELL Lightweight Headset with HC-4 DX Dream Machine Microphone



BM-10-5 94,40 EUR GES 089 014 79
HEIL Lightweight Headset with HC-5 Full Range Microphone Element



HEIL Lightweight Headset, "iC" Micr.Element. For ICOM only. With AD-1-iC Headset for ICOM, with AD-1-iC Adapter.



**BM-5-4** 72,70 EUR GES 089 014 81 HEIL Lightweight Single Side Headset, HC-4 DX Dream Machine Micr.Elem.



**BM-5-5** 72,70 EUR GES 089 014 82



BM-5-ICOM 95,20 EUR GES 089 014 83
HEIL Lightweight Single Side Headset; ICOM "iC" Micr.Elem;With AD-1-iC

Headset for ICOM, with AD-1-iC Adapter.

All Por



## HTSS TRAVELER SINGLE SIDE 40 EUR GES 089 017 19

HEIL Traveler Single Side Headset

HEIL Traveler single side headset with PTT and Up/Down switch. Cable with standard connector. Connection to the TCVR with Adapter Cable (not included) HSTA or HTA. Adapter type depending at TCVR type. No adapter needed with IcOM, but only Up/Down will not work.



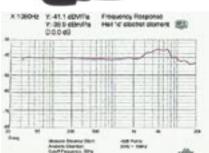
7:380 dBm/Pa 0:00 dS	Hell 's' alliates allument	-
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		~
	YH.1 dDVFle v365 dBmPu DDD dB	

# HTDS TRAVELER DUAL SIDE 1,20 EUR GES 089 017 20

HEIL Traveler Dual Headset

HEIL Traveler dual side headset with PTT and Up/Down switch. Cable with standard connector. Connection to the TCVR with Adapter Cable (not included) HSTA or HTA. Adapter type depending at TCVR type. No adapter needed for ICOM, but Up/Down will not work.





HEIL SOUND - Adapter Cables	
AD-1-C	24,80 EUR GES 089 014 94
Microphone adapter HEIL for COLLINS	
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77	11/1
1/4	1 1 1 1
	5 5 5

Barevné označení redukcí	
Тур	Zařízení
AD-1-KA	Kachina = Zelená
AD-1-K	Kenwood = Červená
AD-1-i	lcom = Modrá
AD-1-T	Ten Tec = Černá
AD-1-Y	Yaesu = Žlutá
AD-1-C	Collins = Bílá
AD-1-D	Drake = Černá

<b>AD-1-D</b> 17,50 EUR GES 089 014
<b>AD-1-D</b> 17,50 EUR GES 089 014

Microphone adapter HEIL for DRAKE



Barevné označení redukcí	
Тур	Zařízení
AD-1-KA	Kachina = Zelená
AD-1-K	Kenwood = Červená
AD-1-i	lcom = Modrá
AD-1-T	Ten Tec = Černá
AD-1-Y	Yaesu = Žlutá
AD-1-C	Collins = Bílá
AD-1-D	Drake = Černá

AD-1-I8	17,50 EUR GES 089 014 9

Microphone adapter HEIL for ICOM with 8PIN MIC connector Adapter for ICOM IC735, IC781, IC756PRO Series



Barevné označení redukcí	
Тур	Zařízení
AD-1-KA	Kachina = Zelená
AD-1-K	Kenwood = Červená
AD-1-i	lcom = Modrá
AD-1-T	Ten Tec = Černá
AD-1-Y	Yaesu = Žlutá
AD-1-C	Collins = Bílá
AD-1-D	Drake = Černá

AD-1-IM	17.50 EUR GES 089 014 97

Microphone adapter HEIL for ICOM with MODULAR MIC connector Adapter for ICOM IC706



Barevné označení redukcí	
Тур	Zařízení
AD-1-KA	Kachina = Zelená
AD-1-K	Kenwood = Červená
AD-1-i	lcom = Modrá
AD-1-T	Ten Tec = Černá
AD-1-Y	Yaesu = Žlutá
AD-1-C	Collins = Bílá
AD-1-D	Drake = Černá

AD-1-KA 17,50 EUR GES 089 014 98

Microphone adapter HEIL for KACHINA



Barevné označení redukcí	
Тур	Zařízení
AD-1-KA	Kachina = Zelená
AD-1-K	Kenwood = Červená
AD-1-i	lcom = Modrá
AD-1-T	Ten Tec = Černá
AD-1-Y	Yaesu = Žlutá
AD-1-C	Collins = Bílá
AD-1-D	Drake = Černá

**AD-1-K4** 17,50 EUR GES 089 014 99

Microphone adapter HEIL for KENWOOD with 4PIN MIC connector Adapter for KENWOOD TS 520, TS 820 etc.





Barevné označení redukcí	
Typ Zařízení	
AD-1-KA	Kachina = Zelená
AD-1-K	Kenwood = Červená
AD-1-i	lcom = Modrá
AD-1-T	Ten Tec = Černá
AD-1-Y	Yaesu = Žlutá
AD-1-C	Collins = Bílá
AD-1-D	Drake = Černá

AD-1-K8	17.50 EUR GES 089 015 00

Microphone adapter HEIL for KENWOOD with 8PIN MIC connector

Adapter for KENWOOD TS 450, TS 570, TS 870, TS 940, TS 950, TS 2000

efc.



Barevné označení redukcí	
Typ Zařízení	
AD-1-KA	Kachina = Zelená
AD-1-K	Kenwood = Červená
AD-1-i	lcom = Modrá
AD-1-T	Ten Tec = Černá
AD-1-Y	Yaesu = Žlutá
AD-1-C	Collins = Bílá
AD-1-D	Drake = Černá

#### AD-1-KM 17,50 EUR GES 089 015 01

Microphone adapter HEIL for KENWOOD with MODULAR MIC connector Adapter for KENWOOD TM-V7, 707, 461 etc.



Barevné označení redukcí	
Тур	Zařízení
AD-1-KA	Kachina = Zelená
AD-1-K	Kenwood = Červená
AD-1-i	lcom = Modrá
AD-1-T	Ten Tec = Černá
AD-1-Y	Yaesu = Žlutá
AD-1-C	Collins = Bílá
AD-1-D	Drake = Černá

AD-1-T4	17,50 EUR GES 089 015 02
Microphone adapter HEIL for TEN-	TEC with 4PIN MIC connector



Barevné označení redukcí	
Typ Zařízení	
AD-1-KA	Kachina = Zelená
AD-1-K	Kenwood = Červená
AD-1-i	lcom = Modrá
AD-1-T	Ten Tec = Černá
AD-1-Y	Yaesu = Žlutá
AD-1-C	Collins = Bílá
AD-1-D	Drake = Černá

AD-1-Y4	17.50 EUR GES 089 015 03
AU-1-14	17,30 EUN GES 009 013 03

Microphone adapter HEIL for YAESU with 4PIN MIC connector



Barevné označení redukcí	
Typ Zařízení	
AD-1-KA	Kachina = Zelená
AD-1-K	Kenwood = Červená
AD-1-i	Icom = Modrá
AD-1-T	Ten Tec = Černá
AD-1-Y	Yaesu = Žlutá
AD-1-C	Collins = Bílá
AD-1-D	Drake = Černá

#### **AD-1-Y8** 17,50 EUR GES 089 016 25

Microphone adapter HEIL for YAESU with 8PIN MIC connector

Adapter for YAESU FT840, FT847, FT920, FT1000, FT1000MP, MARK V etc.



Barevné označení redukcí	
Typ Zařízení	
AD-1-KA	Kachina = Zelená
AD-1-K	Kenwood = Červená
AD-1-i	lcom = Modrá
AD-1-T	Ten Tec = Černá
AD-1-Y	Yaesu = Žlutá
AD-1-C	Collins = Bílá
AD-1-D	Drake = Černá

ΔD-1-YM	17 50 FUR GES 089 015 0

Microphone adapter HEIL for YAESU with MODULAR MIC connector Adapter for YAESU FT817, FT857, FT897, etc.



Barevné označení redukcí	
Typ Zařízení	
AD-1-KA	Kachina = Zelená
AD-1-K	Kenwood = Červená
AD-1-i	lcom = Modrá
AD-1-T	Ten Tec = Černá
AD-1-Y	Yaesu = Žlutá
AD-1-C	Collins = Bílá
AD-1-D	Drake = Černá

#### HSTA 1706 23,80 EUR GES 089 017 23

HEIL Adapter for ICOM IC703,IC706,IC208H,IC220H,IC2100,IC2720,V8000





# **HSTA 18**23,80 EUR GES 089 017 28 HEIL Adapter for ICOM IC735,IC746,IC756,IC756PROII,IC756PROIII,IC7600



HSTA K8 23,80 EUR GES 089 017 29

HEIL Adapter for KENWOOD with 8PIN conector Adapter for headset HTSS or HTDS and transceiver.



HSTA KM 23,80 EUR GES 089 017 30

HEIL Adapter for KENWOOD TS480, G707A, V7, V700A Adapter for headset HTSS or HTDS and transceiver.



**HSTA YM** 23,80 EUR GES 089 017 21

HEIL Adapter for YAESU with 8PIN MODULAR connector. FT817,FT857,FT897 Adapter for headset HTSS or HTDS and transceiver.



HTA IH 23,80 EUR GES 089 017 31

HEIL Adapter for ICOM HT

Adapter for headset HTSS or HTDS and transceiver.



HTA KH 23,80 EUR GES 089 017 32

HEIL Adapter for KENWOOD HT

Adapter for headset HTSS or HTDS and transceiver.



HTA VX 23,80 EUR GES 089 017 22

HEIL Adapter for VERTEX VX1, VX2, VX5

Adapter for headset HTSS or HTDS and transceiver.



ADM-817 26,30 EUR GES 089 015 05

HEIL Mic Adapter 8PIN-male CC-1 type to 8PIN YAESU (FT817,FT857,FT897)



#### **HEIL SOUND - PTT Switches**

FS-2

37,10 EUR GES 089 015 06

HEIL Dual Footswitch

FS-2 Heil Dual Footswitch is a rugged, ergonomically correct device for controlling two devices simultaneously. Two 10 AMP microswitches key a TCVR (leading, red) and PA (last, black).



HS-2 29,10 EUR GES 089 015 07

HEIL "Magnum" Ergonomic Handswitch



#### **HEIL SOUND - Miscellaneous**

EP-BM-BLACK

3,88 EUR GES 089 017 33

HEIL Ear Pad 2" (51mm) for BM5, BM10. Black, Pair









#### **Electronic Keyers**

#### VEC-202

67,90 EUR GES 089 015 64

Microprocesor Controlled lambic Memory Keyer

The VEC202 Electronic Memory Keyer is a microprocessor controlled keyer that provides lambic key operation and dot-and-dash memory to make sending perfect code easier. It has unable code speed, code weight, and sidetone frequency; if suports both direct and grid-block keying outputs. You also get to choose lambic Type "A" and Type "B" keying. Works with MFJS64 or Bencher BY-I or BY-II or other lambic paddle. Power supply is a internal 9V battery (not included) or a external power supply 12V (we recommend the MW 300 / GES 075 000 60 or GES 075 000 61 or MW501 / GES 075 000 62).



#### MFJ-407D

67,90 EUR GES 089 007 00

MFJ Curtis Deluxe Keyer

The MFJ407D Deluxe Electronic Keyer is a microprocessor controlled keyer that provides lambic key operation and dot-and-dash memory to make sending perfect code easier. It has tunable code speed, code weight, and sidetone frequency; if suports both direct and grid-block keying outputs. You also get to choose lambic Type "A" and Type "B" keying. Works with MFJ564 or Bencher BY-I or other iambic paddle. Power supply is a internal 9V battery (not included) or a external power supply 12V (we recommend the MW 300 / GES 075 000 60 or GES 075 000 61 or MW501 / GES 075 000 62).



#### MFJ-490

206 EUR GES 089 002 99

Memory Keyer/Bencher Combo for traffic, contest and code practice

The MFJ-490/490X is a full featured memory keyer with an easy to use menu driven interface. The model MFJ-490 is a keyer and Bencher paddle combination. The MFJ-490X keyer installs on your own MFJ-564 or Bencher type paddle. This unit has four soft sector stored message memories for a total of 192 characters. The keyer can repeat messages continuosly, insert timed pauses withis messages, insert an auto-incrementing serial number, and have messages call other messages. The MFJ-490/490X has adjustable controls for speed and volume on front of the unit. Also, the speed, weight, and sidetone frequency are adjustable through menu selection or paddle command. Other modes such as Hand Key, Semi-auto, Reverse Paddle, lambic On/Ott, lambic A/B, and Queue, are accessed through menu selection or paddle command. The MFJ-490/490X has an output configurable Direct or Grid-Block output.



#### MFJ-490X

118 EUR GES 089 003 00

Memory Keyer for traffic, contest, code practice (needs paddle MFJ564)
The MFJ-490/490X is a full featured memory keyer with an easy to use menu driven interface. The model MFJ-490 is a keyer and Bencher paddle combination. The MFJ-490X keyer installs on your own MFJ-564 or Bencher type paddle. This unit has four soft sector stored message memories for a total of 192 characters. The keyer can repeat messages continuosly, insert timed pauses withis messages, insert an autl-incrementing serial number, and timed pauses all other messages. The MFJ-490/490X has adjustable controls for speed and volume on front of the unit. Also, the speed, weight, and sidetone frequency are adjustable through menu selection or paddle command. Other modes such as Hand Key, Semi-auto, Reverse Paddle, lambic On/Off, lambic A/B, and Queue, are accessed through menu selection or paddle command. The MFJ-490/490X has an output configurable Direct or Grid-Block output.

#### MFJ-492 i

108 EUR GES 089 003 01

Memory Kever for traffic, contest and code practice

The MFJ-492 is a full featured memory keyer with an easy to use menu driven interface. This unit has four soft sector stored message memories for a total of 192 characters. The MFJ-492X is the same keyer but has message memory expanded to 8 separate 4000 character message memories, giving the unit the X\* designation. The keyer can repeat messages continuosly, insert timed pauses withis messages, insert an auto-incrementing serial number, and have messages call other messages. The MFJ-492/492X has adjustable controls for speed and volume on front of the unit. Also, the speed, weight, and sidetone frequency are adjustable through menu selection or paddle command. Other modes such as Hand Key, Semi-auto, Reverse Paddle, lambic On/Off, lambic A/B, and Queue, are accessed through menu selection or paddle command. The MFJ-492/492X has both Direct and Grid-Block outputs and a port for optional remote control.



#### MFJ-492X

122 EUR GES 089 003 02

Memory Keyer for traffic, contest and code practice

The MFJ-492 is a full featured memory keyer with an easy to use menu driven interface. This unit has four soft sector stored message memories for a total of 192 characters. The MFJ-492X is the same keyer but has message memory expanded to 8 separate 4000 character message memories, giving the unit the X\* designation. The keyer can repeat messages continuosly, insert timed pauses withis messages, insert an auto-incrementing serial number, and have messages call other messages. The MFJ-492/492X has adjustable controls for speed and volume on front of the unit. Also, the speed, weight, and sidetone frequency are adjustable through menu selection or paddle command. Other modes such as Hand Key, Semi-auto, Reverse Paddle, lambic On/Off, lambic A/B, and Queue, are accessed through menu selection or paddle command. The MFJ-492/492X has both Direct and Grid-Block outputs and a port for optional remote control.



#### **Morse Decoders**

MFJ-418

87,50 EUR GES 089 007 14

Code Tutor with LCD Display



#### PMT-228

87,90 EUR GES 089 015 61

Morse Code tutor LCD display



#### Traffic, Contests

#### **Contest Voice Keyer**

MFJ-434B

186 EUR GES 089 007 23

Contest Voice Keyer; 5 memories/75sec.; 165 x 64 x 165mm

Microprocessor controlled Contest Voice Keyer. 5 memories up to 75 seconds. Repeat delay 3 to 500 seconds. Transparent to Your microphone. Use 8-pin modular or 8-pin round microphone plug. Internal jumpers let You customize MFJ-434B to Alinco, Icom, Kennwood, Radio Shack or Yaesu. Use 9 Volt battery or 9-15VDC wall charger (MW 96 - GES 075 000 52 from GES--ELECTRONICS).



#### **Signal Decoders**

VEC-162

186 EUR GES 089 015 71

Multi-Reader RTTY/ASCII/CW



#### **Ham Radio Clock**

MFJ-112B

29,30 EUR GES 089 003 48

Deluxe World Map Clock for DXers

Atractive Luxus Clock with back light display. World map with time zones indication. Shows year, week, month, day. Time displays hour/minute/second. Choose 12 or 24 hour displays. Easy push-button move you east or west on the map to display a QTH in every time zone. Daylight saving time feature. Cool blue back light for night viewing. Attractive grey. 2 x AAA battery. Measures 115 x 96 x 58mm.



#### **Measure Equipment**

**Attenuators** 

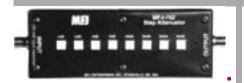
MFJ-762 i 77,90 EUR GES 089 009 12

Attenuatr 81dB in 1dB step, 500hm, up to 170MHz, BNC-female

All our catalog prices are inclusive of VAT and come on from 1€ = 28,20 CZK. Selling prices will be calculated with CNB daily rate.

Variation of prices and range of goods is reserved. i - for more info and our prices see on www.shop73.com ○ - sale





#### **Antenna Analyzers**

MFJ-207

97,50 EUR GES 089 010 84

HF SWR Analyzer



MFJ-208

97,50 EUR GES 089 010 85



MFJ-259B i

279 EUR GES 089 010 86

HF/VHF SWR Anlyzer RF /Counter

The World's most popular SWR/RF analyzer just got incredibly better and gives you more value than ever! MFJ-259B gives you a complete pictures of your antenna's performance. You can read antenna SWR and Complex Impedance 18 to 170MHz Read Complex Impedance as series resistance and reactance (R+jX) or as magnitude (Z) and phase (degrees). You can determine velocity factor, coax cable loss in dB, length of coax and distance to a short or open in

feet. You can read SWR, return loss and reflection coefficient at any frequency simultaneously at a single glance. Also read inductance in UH and capacitance in pF at RF frequencies. Large easy-to-read two line LCD screen and side-by-side meters clearly display your information. Built-in frequency counter, NÍ-Cad charger circuit, battery saver, low battery warning and smooth re-duction drive tuning and much more. Super easy to use! Just set the bandswitch and tune the dial -- just like you transceiver. SWR and Complex Impedance are displayed instantly! Here's what you can do Find your antenna's true resonant frequency. Trim dipoles and verticals. Adjust your Yagi, quad, loop and other antennas, change antenna spacing and height and watch SWR, resistance and reactance change instantly. You'll know exactly what to do by simply watching the display. Perfectly tune critical HF mobile antennas in seconds for super DX -- without subjecting your transceiver to high SWR. Measure your antenna's 2: 1 SWR bandwidth on one band, or analyze multiband performance from 1.8 to 170Mhz! Check SWR outside the ham bands without violating FCC rules. Take the guesswork out of building and adjusting matching networks and baluns. Measure distance in feet to a short or open in faulty coax. Measure length of a roll of coax, coax loss, velocity factor, impedance. Measure inductance and capacitance. measure resonant frequency and approximate Q of traps, stubs, transmission lines, RF chokes, tuned circuits and baluns. Adjust your antenna tuner for a perfect 1:1 match without creating QRM. And this is only the beginning! the MFJ-259B is a complete ham radio test station including -- frequency counter, RF signal generator, SWR Analyzer, RF resistance and Reactance Analyzer, Coax Analyzer, Capacitance and Inductance Meter and more! As external power supply we recommend our MW 96 (GES 075 000 52) or our MW 17 (GES 075 000 54)



#### MFJ-269 i 375 EUR GES 089 010 87

1.8-170/415-470 MHz Antenna/SWR/RF Analyzer w/ LCD, Counter & Meters Covers 1.8 to 170 MHz and 415 to 470 MHz -- an MFJ-269 Exclusive! It includes all the features of the MFJ-259B, the world's most popular SWR Analyzer plus much more! Large easy-to-read two line LCD display and side-by-side meters clearly display your information Built-in Ni-Cad/Ni-MH charger circuit, battery saver, low battery warning, smooth reduction drive tuning. Use as signal source for testing/alignment. Built-in CoaxCalculator -- calculates coax line length in feet given coax length in electrical degrees and vice versa for any frequency and any velocity factor (great for building matching sections and phasing lines) — an MFJ-269 Exclusive! New 12-bit A/D converter gives much better accuracy and resolution than common 8-bit A/D converters -- an MFJ-269 exclusive. Super easy to use! Just set the bandswitch and tune the dial -- just like you transceiver. 1.8 to 170MHz range features MFJ-269 gives you a complete picture of you antenna. Read antenna SWR and Complex Impedance 1.8 - 170 MHz. Built in frequency counter. Read Complex Impedance as series equivalent resistance and reactance (Rs+jXs) or as magnitude (Z) and phase (degrees). Also read parallel equivalent resistance and reactance ( $Rp_+JXp$ ) — and  $MF_-J-269$  exclusivel You can determine velocity factor, coax loss in dB, length of coax and distance to short or open in feet. You can read SWR, return loss and reflection coefficient at at any frequency simultaneously at a single glance. Also read match efficiency. Also read inductance in UH and capacitance in pF at RF frequencies. You can measure SWR and loss of coax with any characteristic impedance from 10 to over 600 Ohms, including 50, 51, 52, 53, 73, 75, 93, 95, 300, 450 Ohms MFJ-269 exclusive! For more information see MFJ-259B. New 415 to 470 MHz Range features. Just plug in your UHF antenna coax, set the frequency and read SWR, return loss and reflection coefficient simultaneously. You can read coax cable loss in dB and match efficiency. You can test and tune stubs and coax lines. You can manually determine velocity factor and impedances of transmission lines. You can adjust and test RF matching networks and RF amplifiers without applying power. Has easy-to-read LCD logarithmic SWR bargraph and SWN meter for quick tuning. Take it anywhere Fully portable take it anywhere -- remote sites, up towers, on DX-peditions. Built in "N" connector Free N-to-SO-239 adaptor. Use 10 pcs of AA Ni-MH or Ni-Cd or alkaline batteries (not included). We recommend our rechargable types UM 3-C700 N-3U or UM 3-C1000 N-3US or UM 3-NH1700 HR-3U or UM 3-NH2500 HR-3U or our dry cells R6 SANYO ALKALINE. Their capacity will suffice for 3 to 15 hours type depending. For external power supply we recommend our type MW 96 (GES 075 000 52) or MW 17 (GES 075 000 54).



#### MFJ-39C

24.30 EUR GES 089 006 94

Carrying Pouch w/window for MFJ-269

Tote Your MFJ-269 anywhere. This custom carying case has pocket with security cover for carying din coils, adaptors and accessories.



#### MF.I-66

24.30 EUR GES 089 008 94

Analyzers dip meter coils (HF/VHF). For MFJ209,MFJ249,MFJ259,MFJ269
Dip-Meter Adapter (coils set) for SWR analyzer MFJ-209, MFJ-249, MFJ-259R. MFI-269.



MFJ-731

87,80 EUR GES 089 009 08

Tunable RF Filter 1.8-30MHz for SWR Analyzers MFJ





#### Dip Metrs (GDO)

#### MFJ-201

118 EUR GES 089 005 67

1.5-250 MHz Dip Meter (GDO)

Dip Meter, in the vacuum tube days called GDO - Grid Dip Meter. Small, light and vastly more versatile than its ancestor. For find a coil's resonant frequency. Couple it to antenna, or coax lines to get theier electrical lenght. Use it as absorption wavemeter for measuring transmitter output, neutralizing tank circuits, or a field strenght meter. Headphone jack for audio monitoring. Covers 1.5-250MHz in 6 bands, has thumb wheel tuning, color code readout, 6 coils, earphone and battery check. Uses a 9V battery. Measures a compact 51 x 64 x 178mm.



#### **Frequency Counter**

MF.J-886

118 EUR GES 089 010 88

Pocket Frequency Counter 1 MHz-3 GHz



MFJ-888 i

181 EUR GES 089 010 89

Pocket Frequency Counter 10Hz - 3 GHz



# Power and SWR Measure Equipment

AWM-30X

147 EUR GES 089 011 06

Precision SWR/Wattmeter (Average, Peak), 3000/300 Watt range, 1.8-30MHz



#### AWM-35 i 158 EUR GES 089 011 07

Precision SWR/Wattmeter(AVG,Peak);Remote senzor;3000/300W;1.8-30MHz Our AWM-35 flat mobile Peak Reading SWR/Wattmeter with lighted Cross--Needle meter is just 42mm thick - easily mounts on your dashboard for easy viewing. Flat mount on wall or shelf in your ham shack for best viewing angle. Remote senzor with 7.5m thin, flexible cable lets you place senzor and coax out-of-the-way.



#### MFJ-267 i 158 EUR GES 089 010 90

Dummy Load with SWR/Wattmeter up to 54MHz; D.L.100W/10min-1,5kW/

1.5 kW Dry Dummy Load has built-in precision, true peak-reading SWR/
Wattmeter switchable to external antenna! World's most versatile 1.5 kW
dummy load has a built-in true peak reading SWR/Wattmeter that you can
switch and use independently You'll find fons of usest Tune up your transceiver, linear amplifier, or antenna tuner into a safe 50 Ohm dummy load at full
power. Then instantly switch to your antenna and monitor SWR, tonward, and
reflected power. Use for testing/funing transmitters, transceivers, amplifiers,
antenna tuners, baluns, transformers, filters, matching networks, coax, stubs,
transmission lines, and antennas. The 50-Ohm dry dummy load works DC to
60 Mhz. SWR is below 1.3:1 at 30 MHz. Can handle 100 Watts for ten minutes
or 1500 Watts for ten seconds. Comes with power derating curve. Extra-large
three-inch lighted Cross-Needle Meter reads SWR (1:1 to 8:1), forward, and
reflected power simultaneously. Reads true peak PEP or average power on
300/3000 Watts forward and 60/600 Watts reflected power ranges 1.8-54 MHz.
High accuracy comes from a carefully designed directional coupler, an accurate
active-peak reading circuit and a precision d'Arsonal meter movement.
RF tioth terdorated aluminum cabinet. 4-W x 3-H x 10-D inches



#### MFJ-815C i 87,80 EUR GES 089 009 44

Large Cross-Needle SWR/Wattmetr 1.8-30MHz; 300/3000W; UHF-female



#### MFJ-818 i 67,90 EUR GES 089 000 00

Flat Cross-Needle SWR/Wattmetr;1.8-30MHz;30/300W;UHF-fem:127x77x51mm



#### MFJ-844

78,60 EUR GES 089 010 91

Compact Dual Band 144/440 SWR Meter

This new compact VHF/UHF SWR and Power meter is perfect for mobile hams! Handles 200 Watts and measure SWR and Power in three power ranges: 15W, 60W, and 200 Watts. A multi-colored white, orange and black meter makes for easy reading, Meter is extra large and highly visible. Covers 144 and 440 MHz. Insertion loss is 0.3dB or lower with 50 Ohm impedance. Has SO-239 connectors. Compact size lets you put it just about anywhere in your operating position. 3.75Wx3Hx1.25D inches. Great for HTs or mobile rigs. Made of die cast metal with quality connectors: it'll give you years of use.



MFJ-860 i 50 EUR GES 089 010 92

Cross-Needle Wattmeter 1.8-60 MHz





MFJ-862

57,20 EUR GES 089 010 93

Cross-Needle Meter 144-220/440 MHz



MFJ-864

89,30 EUR GES 089 010 94

Cross-Needle Meter 1.8-60/144/440 MHz



MFJ-872

85,70 EUR GES 089 010 95 1.8-200 MHz Grandmaster SWR/Wattmeter (AVG, Peak) 5W/20W/200W



MFJ-873

104 EUR GES 089 010 96

125-525 MHz Grandmaster SWR/Wattmeter (AVG, Peak) 5W/20W/200W



MF.J-874

156 EUR GES 089 010 97

1.8-525 MHz Grandmaster SWR/Wattmeter (AVG, Peak) 5W/20W/200W



PM-30

71,40 EUR GES 089 016 21

Wattmeter 1.8-60MHz; 300W a 3kW; average and peak power;

Has UHF-female connectors.



PM-30UVN

82,20 EUR GES 089 016 24

Wattmeter 144/220/440MHz;30W and 300W;average/peak power:135x146x89mm

Has N-female connectors

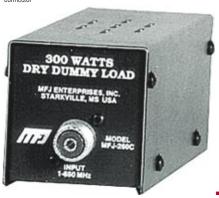


#### **Dummy Loads**

#### MFJ-260CN i

50 EUR GES 089 010 60

Dummy Load 0-650MHz/500hm;90Wcont.(300W/30sec.max);N-female connector



MFJ-264N

82,20 EUR GES 089 010 61

Dummy load 0-650MHz 100W/10min.(1.5kW/10sec.max.), N-female

Dummy Load 50 Ohms, VSWR less than 1.3:1 at less than 650 MHz, Power dissipation 1500W for less than 10 seconds or 100 Watts for 10 minutes. Voltage gradient 10 kV/inch (390V/mm). Operating temperature up to 350°C. Frequency range 1-650 MHz, usable to 750 MHz.



71,40 EUR GES 089 015 98

Dummy Load 0-650MHz 100W cont.(1500W/20sec); SWRmax=1.5;



DL-300M

46.40 EUR GES 089 015 96

Dummy Load 0-150MHz 300W(20sec); 500hm; SWRmax=1.5:1; 0,25kg;

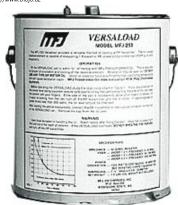


#### MFJ-250X

48,60 EUR GES 089 010 59

MFJ Dummy Load 1kW without oil

Before operating fill the ADL-1500X with transformer oil. DO NOT USE ANY TYPE OF MOTOR OIL. Proper oil is the type "Transformatorovy olej N" supplied by the company Ecolube s.r.o. The Ecolube web-shop is on the web address



#### ADL-1500X i

53,60 EUR GES 089 010 55

AMERITRON Dummy Load 1,5kW without oil

Before operating fill the ADL-1500X with transformer oil. DO NOT USE ANY TYPE OF MOTOR OIL. Proper oil is the type "Transformatorovy olej N" supplied by the company Ecolube s.r.o. The Ecolube web-shop is on the web address http://www.oleje.cz



ADL-2500

204 EUR GES 089 010 56

AMERITRON Dummy Load 2,5kW with cooling fan





#### **Tuners and Transmatchs**

#### Tuners upto 300W

MFJ-902

87,50 EUR GES 089 010 64

Travel Tuner 10-80M, 150W

Tiny 4" x 2" x 3" tuner handles full 150 Watts! Covers 80-10 Meters, has tuner bypass switch, tunes nearly anything! MFJ brings you the world's smallest full power 150 Watt 80-10 Meter Antenna Tuner. Extra wide matching range lets you tune nearly any anienna. It's no toy — it's got guts! Buill with real air variable capacitors (600 Volt, 322 pF) and three stacked powder iron toroids to handle real power — not just QRP. Bypass switch lets you bypass tuner when you don't need it. You can use nearly any transceiver at full power with nearly any coax fed or random wire antenna for portable, home, or mobile operation. It's perfect for compact rigs like the Icom IC-706MKIIG, Yaesu FT-100D, Kenwood TS-50, QRP rigs and other with a built-in SWR meter. Operate anywhere, anytime with a quick easy set-up! Tune out SWR on your mobile whip from inside your car. Operate in your apartment with a wall-to-wall antenna or from a motel room with a wire dropped from a window or from a mountain top with a wire over a tree limb. Great for DXpeditions or field day. Be prepared for emergencies. The MFJ-902 is so small and handy, you'll rely on it wherever you go! It's easy to pack away in your briefcase, suitcase, backpack, glove compartment, or desk drawer. It's liny enough to Silde in your back hip pocket!







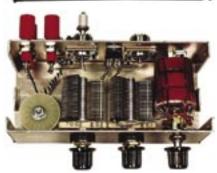
#### MFJ-902H I Travel tuner 10-80M, 150W, with balun

108 EUR GES 089 010 65

Tiny 5" x 2" x 3" tuner handles full 150 Watts! Covers 80-10 Meters, has tuner bypass switch, tunes nearly anything I MFJ brings you the world's smallest full power 150 Wet 80-10 Meter Antenna Tuner - with Balun. Extra wide matching range lets you tune nearly any antenna. It's no toy -- it's got guts! Built with real air variable capacitors (600 Volt, 322 pF) and three stacked powder iron toroids to handle real power -- not just QRP. Bypass switch lets you bypass tuner when you don't need it. You can use nearly any transceiver at full power with nearly any coax fed or random wire antenna for portable, home, or mobile operation. It's perfect for compact rigs like the Icom IC-706MKIIG, Yaesu FT-100D, Kenwood TS-50, QRP rigs and other with a built-in SWR meter. Operate anywhere, anytime with a quick easy set-up! Tune out SWR on your mobile whip from inside your car. Operate in your apartment with a wall-to-wall antenna or from a motel room with a wire dropped from a window or from a mountain top with a wire over a tree limb. Great for DXpeditions or field day. Be prepared for emergencies. The MFJ-902H is so small and handy, you'll rely on it wherever you go! It's easy to pack away in your briefcase, suitease, backpack, glove compartment, or desk drawer. It's tiny enough to Silde in your back hip pocket!







#### MFJ-904

118 EUR GES 089 009 73

Travel Tuner 10-80M, 150W, with meter

Tiny 7" x2" x3" tuner handles full 150 Watts! Covers 80-10 Meters, has tuner bypass switch, tunes nearly anything! MFJ brings you the world's smallest full power 150 Watt 80-10 Meter Antenna Tuner - with SWR/Wattmeter. Extra wide matching range lets you tune nearly any antenna. It's no toy -- it's got guts! Built with real air variable capacitors (600 Volt, 322 pF) and three stacked powder iron toroids to handle real power -- not just ORP Bypass switch lets you bypass tuner when you don't need it. You can use nearly any transceiver at full power with nearly any coax fed or random wire antenna for portable, home, or mobile operation. It's perfect for compact rigs like the Icom IC-706MKIIG, Yasus IT-100D or FT-817 or FT-857 or FT-897, Kenwood TS-50, ORP rigs and other with a built-in SWR meter. Operate anywhere, anytime with a quick easy set-up! Tune out SWR on your mobile whip from inside your car. Operate in your apartment with a wall-to-wall antenna or from a motel room with a wire dropped from a window or from a mountain top with a wire over a tree limb. Great for DXpeditions or field day. Be prepared for emergencies. The MFJ-904 is so small and handy, you'll rely on thethereur you go! It's easy to pack away in your briefcase, suitcase, backpack, glove compartment, or desk drawer. It's tiny enough to slide in your back hip pocket! The MFJ-904 includes a Cross-Needle SWR/WAttmeter that shows SWR, forward and reflected power all at a glance. Push button selects forward/reflected power in 300/60 and 30/6 Watt ranges.



#### MFJ-904H

136 EUR GES 089 009 75

Travel Tuner 10-80M, 150W, with meter and balun

Tiny 7" x 2" x 3" tuner handles full 150 Watts! Covers 80-10 Meters, has tuner bypass switch, tunes nearly anything! MFJ brings you the world's smallest full power 150 Watt 80-10 Meter Antenna Tuner - with Balun and SWR/Wattmeter. Extra wide matching range lets you tune nearly any antenna. It's no toy -- it's got guts! Built with real air variable capacitors (600 Volt, 322 pF) and three stacked powder iron toroids to handle real power — not just QRP. Bypass switch lets you bypass tuner when you don't need it. You can use nearly any transceiver at full power with nearly any coax fed or random wire antenna for portable, home, or mobile operation. It's perfect for compact rigs like the Icom IC-706MKIIG, Yaesu FT-100D or FT-817 or FT-857 or FT-897, Kenwood TS-50, QRP rigs and other with a built-in SWR meter. Operate anywhere, anytime with a quick easy set-up! Tune out SWR on your mobile whip from inside your car. Operate in your apartment with a wall-to-wall antenna or from a motel room with a wire dropped from a window or from a mountain top with a wire over a tree limb. Great for DXpeditions or field day. Be prepared for emergencies. The MFJ-904H is so small and handy, you'll rely on it wherever you go! It's easy to pack away in your briefcase, suitcase, backpack, glove compartment, or desk drawer. It's tiny enough to slide in your back hip pocket! The MFJ-904H includes a Cross-Needle SWR/MAltmeter and 4:1 balun for balanced lines and random wire. Cross-Needle meter shows SWR, forward and reflected power all at a glance. Push button selects forward/reflected power for any of the standard proper in 300/60 and 30/6 Watt ranges.



#### /IE I\_071

108 EUR GES 089 010 35

MFJ compact minituner 1.8-30MHz; max.200W PEP(100W CW); 153x153x64mm

The MFJ-971 is a compact QRP portable minituner estimated for 50 Ohm transmitter or TCVR with 200W PEP (100W CW) output. Tuner has a special user-selectable 6 Watt range for QRP operation (0-6W Forward Power, 0-1.2W Reflected Power). Tuner covers 1.8 to 30MHz. It provides a convenient cross-needle type SWR/Wattmeter. Power range is 0-300W for Forward Power (switchable to 0-30W) and 0-60W for Reflected power. The T-Match tuner tunes allmost any coax, wire, or balanced-feed type antenna. A 4:1 toroid balun is built in for balanced line.



#### /IFJ-941E

129 EUR GES 089 010 21

Versa II Tuner 1.8-30 MHz 300/30W PEP, Croos-Needle Meter, Balun 4:1 This universal tuner match virtually any transmitter to any antenna, including dipoles, inverted-vees, verticals, mobile whips, beams, random wires and others fed by coax lines, balanced lines or single wire. MFJ's lighted Cross-Needle meter shows SWR, rorward and reflected power all at a glance in 300/60 and 30/6 Wattranges, 8 position antenna switch lets you select 2 coax lines, random wire/balanced line or dummy load. Has 4: 1 balun, 1000 Volt capacitors.



#### MFJ-945E

118 EUR GES 089 010 26

Mobile Tuner with Cross-Needle Meter, 1.8-60MHz, 300/30W, 203x51x152mm

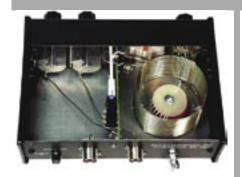
Don't leave home without this mobile tuner. The Cross-Needle meter shows SWR, forward and reflected power - at a glance. It reads forward/reflected power in 300/60 and 30/6 Watt ranges. A mobile mount, MFJ-20 can be purchased as well.





All our catalog prices are inclusive of VAT and come on from 1€ = 28,20 CZK. Selling prices will be calculated with CNB daily rate.





MFJ-20

7,11 EUR GES 089 005 66

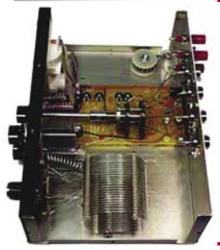
Mobile Bracket for MFJ945E

MFJ-948 i 147 EUR GES 089 010 69

Antenna 1.8-30MHz 300W tuner, without Dummy Load







MFJ-949E i 165 EUR GES 089 010 70

Antenna 1.8-30 MHz 300W tuner, built in Dummy Load 300W/30sec.max







#### VC-300DLP

158 EUR GES 089 016 04

300W HF Tuner 1.8 - 30MHz

The VC-300DLP Antenna Tuner optimizes the performance of your antenna and transmitter, receiver, or transceiver by providing adjustable impedance matching. Then Critos-Needle meter shows SWR, forward and reflected power – at a glance. It reads forward/reflected power in 300/60 and 30/6 Watt ranges.



MFJ-934

193 EUR GES 089 010 09

175 EUR GES 089 010 66

Antenna Tuner 1.8-30 MHz 300W HF Artificial Ground / Termination



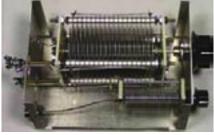
#### MFJ-933 i

Home Station LoopTuner 80-10M

Drape a wire around a bookcase and attach both ends to this new MFJ-933 Small High Efficiency Loop Tuner. It instantly turns into a small, high efficiency multi-band transmitting loop antenna! You can operate 3.5 to 30 Mrak with a full 150 Watts. No ground, radiato or counterpoises needed. A 13-ft wire formed into a loop operates 30-20 Meters (4-ft for 17-10M; 7-ft for 20-15M; 28-ft for 40M). You can turne any shape loop — circle, square, rectangle, any odd shape. A quarter wavelength wire shaped as a circle is the most efficient. A fixed wire length covers about 1.5 to 1 frequency range (i.e. 28-18 or 10-7 MHz, etc.). Exact frequency coverage depends on wire length, loop shape and environment.







MFJ-935 O i

193 EUR GES 089 010 67

Portable/home LoopTuner 80-10M

Drape a wire around a bookcase and attach both ends to this new MFJ-935B Small High Efficiency Loop Tunert It instantly turns into a small, high efficiency multi-band transmitting loop antennal You can operate 3.5 to 30 MFz with a full 150 Watts. No ground, radials or counterpoises needed. A 13-ft wire formed into a loop operates 30-20 Meters (4-ft for 17-10M; 7-ft for 20-15M; 28-ft for 40M). You can tune any shape loop — circle, square, rectangle, any odd shape. A quarter wavelength wire shaped as a circle is the most efficient. A fixed wire length covers about 1.5 to 1 frequency range (i.e. 28-18 or 10-7 MHz, etc.). Exact frequency coverage depends on wire length, loop shape and environment.









#### **Tuners over 300W**

#### MFJ-962D

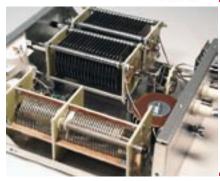
272 EUR GES 089 010 71

Roller Ant.Tuner 160-10m (800W CW,500W CW/160m), Watt/SWR Meter, Balun









#### ATR-20X i

450 EUR GES 089 011 02

Antenna tuner, roller inductor; 1.2kW SSB/600W CW; 1.8-30MHz; 33x12x43cm Designed for PA AMERITRON series AL-811, AL-811H, AL-80B, ALS-500M, ALS-600 and similar PA. Require 230VAC mains voltage.



#### **R-30X** i 586 EUR GES 089 011 04

True Legal Limit Edge Wound Roller Antenna tuner - 220 V
Designed for full limit 1500W CW PA AMERITRON and similar PA



HFT-1500

429 EUR GES 089 016 02

1500W HF Roller Tuner/tune bar



#### MFJ-976 i

490 EUR GES 089 010 72

The MFJ-976 is a 1500 Watt full legal limit fully balanced antenna tuner. You get superb balance, very wide matching ranges (12-2000 Ohms) and continuous 1.8-30 MHz overage including all WARC bands! It handles a full 1500 Watts SSB and CW. You can tune any balanced lines including 600 Ohm open wire line, 450/300 Ohm ladder lines, 300/72 Ohm lwin lead — shielded or unshielded. The MFJ-976 also tunes random wires and coax-fed antennas. MFJ's fully balanced extremely wide-range T-network gives you simple, fast three knob tuning. No complicated switching between high and low impedance and switching in additional capacitance of L-networks. Four separate 500 pF in wog angs gives you a total of 2000 pF for highly efficient low loss separation on 160 Meters. You get excellent 10 Meter performance because of MFJ's low minimum capacitance and exclusive Self-Resonance Killer high-O AirCoer roller founders.

Balanced Line Tuner, up to 1.5kW PEP SSB/CW, 1.8MHz - 30MHz

inductor with silver plated contacts. The MFJ-976 1500 Watt Fully Balanced Antenna Tuner has a heavy duty 1:1 current balun that gives you superb balance and stays cool even at 1.5 kW. True active peak reading lighted Cross-Needle SWR/Wattmeter lets you read SWR, true peak or average forward and reflected power all at a glance on 300/3000 Watt ranges. The MFJ-976 unit measures 12W x 6H x 15-3/4D inches.



MFJ-986

333 EUR GES 089 010 73

MFJ 3kW Differential-T HF Roller Tuner



#### **Automatical Tuners**

#### MFJ-928

197 EUR GES 089 018 24

Automatic tuner 1.8-30MHz; 200W SSB/CW; 6-1600 $\Omega$ ; 165x70x191mm; 1.2kg

This Automatic Antenna Tuner automatically matches antennas from 6 to 1600 Ohms impedance (SWR up to 32:1) and handles 200 Watts SSB/CW. Tune in

less than 15 seconds, usually less than 5 seconds. Over 20000 non-volatile memories for tuner settings. Highly efficient switching L-network matching circuit. 1.8 to 30 MHz continuous frequency coverage. Has SO-239 coax fed antenna connector, and antenna connector for random wire or single wire antennas. Has SO-239 coax fed connector for transmitter. Built-in bias tee (similar to MFL-4112) for remote power supply. An external 12V DC/1Amax. power supply (MW 9112GS or similar from GES-ELECTRONICS) and (if needed) the MFL-4112 bias tee is required.



#### MFJ-929

215 EUR GES 089 018 23

Automatic tuner 1.8-30MHz; 200W SSB/CW; 6-1600 $\Omega$ ; 165x70x191mm; 1.1kg

MFJ-929 automatically matches antennas from 6 to 1600 Ohms impedance (SWR up to 32:1) and handles 200 Watts SSB/CW. Turne in less than 15 seconds, usually less than 5 seconds. Over 20000 non-volatile memories for tuner settings. Four memory banks per antenna with over 2500 memories per bank. Highly efficient switching L-network matching circuit. 1.8 to 30 MHz continuous frequency coverage. Adjustable target SWR 1.0 to 2.0. Adjustable SWR threshold 0.5 to 1.5. Lighted cross-needle SWR/wattmeter. Multifunction backlit LCD display with contrast control. Built-in frequency counter. Numeric readings for SWR, forward and reflected power. Bar meters for SWR, forward and reflected power. Aural SWR meter with volume control. Two SO-239 coax fed antenna connectors. Connector for random wire or single wire antennas. Built-in bias tee for remote power supplying is direct or remotly via coaxial cable from transmitter side using optional MJF-4112 bias tee. External 12V DC/1A max. power supply is required (MW 91126S or similar from 6ES-ELECTRONICS).



#### MFJ-927

254 EUR GES 089 018 25

Automatic tuner 1.8-30MHz; 200W SSB/CW; 6-1600Ω; weather proof This rugged Remote IntelliTuner Automatic Antenna Tuner automatically matches antennas from 6 to 1600 Ohms impedance (SWR up to 32:1) and handles 200 Watts SSB/CW Tune in less than 15 seconds, usually less than 5 seconds. Over 20000 non-volatile memories for tuner settings. Highly efficient switching L-network matching circuit. 1.8 to 30 MHz continuous frequency coverage. Has S0-239 coax fed antenna connector and antenna connector for random wire or single wire antennas. Has S0-239 coax fed connector with built-in bias tee for transmitter. At transmitter side the bias tee type MFJ-4112 with external 12V DC/1Amax. power supply (MW 9112GS or similar from GES-ELECTRONICS) is required.





#### MFJ-991B i 215 EUR GES 089 017 83

Automatic tuner 1.8-30MHz; 300W or 150W CW/SSB; 257x71x234mm; 1.7kg  $\,$ 

Automatically matches antennas from 6 to 1600 Ohms impedance and handles 300 Watts SSB/CW or matches 6 to 3200 Ohms and handless 150 Watts SSB/CW. Tune in less than 15 seconds, usually less than 5 seconds. Over 10000 on-volatile memories for tuner settings. Highly efficient switching L-network matching circuit. 1.8 to 30 MHz continuous frequency coverage. Adjustable target SWR 1.0 to 2.0. Adjustable SWR threshold 0.5 to 1.5. Lighted cross-needle SWR/wattmeter with high, low, and auto range options. Multifunction backlit LCD display with contrast control. Built-in frequency counter. Numeric readings for SWR, forward and reflected power. Bar meters for SWR, forward and reflected power. S0-239 coax fed antenna connector. Connector for random wire or single wire antennas. Optional remote control. Optional radio interface for compatible radios. External 12V DC/14 max. power supply is required (MW 9112GS or similar from GES-ELECTRONICS).



#### MFJ-993B i 254 EUR GES 089 017 84

Automatic tuner 1.8-30MHz; 300W or 150W SSB/CW; 257x71x234mm 1.8kg

Automatically matches antennas from 6 to 1600 Ohms impedance and handles 300 Watts SSB/CW or matches 6 to 3200 Ohms and handless 150 Watts SSB/CW. Tune in less than 15 seconds, usually less than 5 seconds. Over 20000 non-volatile memories for tuner settings. Highly efficient switching 1-network matching circuit. 1.8 to 30 MHz continuous frequency coverage. Adjustable target SWR 1.0 to 2.0. Adjustable SWR threshold 0.5 to 1.5. Lighted cross-needle SWR/watthere with high, low, and auto range options. Multifunction backlit LCD display with contrast control. Built-in frequency counter. Numeric readings for SWR, forward and reflected power. Bar meters for SWR, forward and reflected power. Bar meters for SWR, forward and reflected power. Aural SWR meter with volume control. Two SO-239 coax fed antenna connectors. Connector for random wire or single wire antennas. Built-in 4:1 current balun for balanced line antennas. Optional remote control. Optional radio interface for compatible radios. External 12V DC/14 max. power supply is required (MW 91126S or similar from 65-5-LECFIRONICS).







#### MFJ-994B i 350 EUR GES 089 017 85

Automatic tuner 1.8-30MHz; 600W or 300W SSB/CW; 257x71x234mm;

Automatically matches antennas from 8 to 800 Ohms impedance and handles 600 Watts PEP SSB/300W CW. Tune in less than 15 seconds, usually less than 5 seconds. Over 10000 non-volatile memories for tuner settings. Highly efficient switching 1.-network matching circuit. 1.8 to 30 MHz continuous frequency coverage. Adjustable target SWR 1.0 to 2.0. Adjustable SWR threshold 0.5 to 1.5. Lighted cross-needle SWR/wattmeter with high, low, and auto range options. Multifunction backlit LCD display with contrast control. Built-in frequency counter. Numeric readings for SWR, forward and reflected power. Bar meters for SWR, forward and reflected power. SO-239 coax fed antenna connector. Connector for random wire or single wire antennas. Optional remote control. Optional radio interface for compatible radios. External 124 DC/1A max. power supply is required (MW 91126S or similar from GES-ELECTRONICS).







MFJ-4116 24,30 EUR GES 089 018 66

Bias Tee 1A/50V DC for Coax Cable 50 Ohm Remote power supply for automatical tuners or other remote devices



MFJ-993RC i 38,90 EUR GES 089 010 46

Remote Control for MFJ991, MFJ991B, MFJ993, MFJ993B, MFJ994,



MFJ-5124A

19,70 EUR GES 089 008 09

Interface Cable MFJ991, MFJ993, MFJ994 / ALINCO

MFJ-5124I 19,70 EUR GES 089 008 08

Interface Cable MFJ991, MFJ993, MFJ994 / ICOM

MFJ-5124K i 58,90 EUR GES 089 010 62

Interface MFJ991, MFJ993, MFJ994 / KENWOOD



MFJ-5124Y i 58,90 EUR GES 089 010 63

Interface MFJ991, MFJ993, MFJ994 / YAESU FT100, FT857, FT897



MFJ-5124Y2 i 58,90 EUR GES 089 017 41

Interface MFJ991, MFJ993, MFJ994 / YAESU FT847



MFJ-5124Y3 i 58,90 EUR GES 089 018 67

Interface MFJ991, MFJ993, MFJ994 / YAESU FT1000



**Automatical Tuners for YAESU** 

ATU-2 165 EUR GES 089 000 30

YAESU Integrated automatic antenna tuner for FT890, FT900

..\Y\atu-2.tif

FC-10 358 EUR GES 089 000 45

YAESU Automatic antenna tuner 1.8-30MHz for FT840



FC-20 347 EUR GES 089 000 46

YAESU Automatic antenna tuner 1.8-30MHz / 50-54MHz (FT100,FT840,FT847)

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# FC-30 250 EUR GES 089 000 47 YAESU Automatic antenna tuner 1.8-30MHz and 50-54MHz for FT857, FT897



#### FC-40 i 322 EUR GES 089 000 48

YAESU Automatic antenna tuner for long wire antenna. FT857, FT897
Frequency range 1.8-54MHz for 20m+ end-fed-wire, 7-54MHz with YA-007 HF
2.5m Mobile Whip Antenna. Up to 100W. 200 Channels.



#### FC-800 358 EUR GES 089 000 49

YAESU External automatic antenna tuner for FT840, FT890, FT900

#### **Special Tuners**

VEC-512 i 82,20 EUR GES 089 016 06

Tuner tuning aid, 1.8-60MHz



#### **RX Accessories**

#### **Active Antennas**

MFJ-1020C i 85,70 EUR GES 089 010 75

SWL Active Indoor Ant.3-30 MHz



# MFJ-1022 i 60,70 EUR GES 089 010 76 3-200MHz SWL Active Ant.

# MFJ-1024 i SWL Outdoor Antenna

147 EUR GES 089 010 77

#### **Noise Cancelling**

MFJ-1025 i 168 EUR GES 089 010 78

1.5-30MHz Noise Canceller



# MFJ-1026 i 1.5-30MHz Noise Canceller

186 EUR GES 089 010 79



#### **Preselectors**

MFJ-1045C i 78,60 EUR GES 089 010 81

Preselector for Receiver, tunable 1-54 MHz



#### TVI, QRM Finding

#### Anti-TVI Filters for TV, Video etc.

**HPF-1** i 22,90 EUR GES 089 016

High Pass TVI Filter

Supress TVI with new 75 0hm High Pass Filter from VECTRONICS (USA). Use between cable and TV or VCR. Reduces signals below 30 MHz. Low loss < 0.5dB in TV passband 52-550MHz. Cutoff frequency 50MHz. Attenuation -60dB/10MHz, -55dB/20MHz, -40dB/30MHz. Impedance 75 0hm unbalanced, 300 0hm balanced. VSWR < 1.5:1. Connectors F-CATV 75 0hms.



#### HPF-2 i 27,50 EUR GES 089 016 12

Deluxe High Pass TVI Filter

Supress TVI with new 75 Ohm High Pass Filter od VECTRONICS (USA). Use between cable and TV or VCR. Reduces signals below 30 MHz. Low loss < 0.50B in TV passband 54-550MHz. Cutoff frequency 52MHz. Attenuation - 90dB/10MHz, -75dB/20MHz, -60dB/30MHz. Impedance 75 Ohm unbalanced, 300 Ohm balanced VSVMF < 1.5.1. Connectors F-CATV 75 Ohms.



#### TVIF-1 17,90 EUR GES 089 017 75

High Pass TVI Filter. 48x42x22mm. TV-IEC male/lemale connectors High Quality Anti-TVI Filter for extremly effective RFI suppression from local amateur radio transmitter. Filter has corresponding TV-IEC male and female connectors for connecting between TV receiver and coaxial antenna cable. Impedance 75 Ohm. Typical attenuation 47dB/1.8-30MHz, 41dB/50-52MHz, 32dB/174-146dB, III.TV Band 3dB/174-230MHz, IV-V.TV Band 33BB/170-200MHz



#### **Anti-TVI Filters for TX**

MFJ-702B 39,30 EUR GES 089 010 82

Low Pass Filter 100W, 1.5-30MHz/0.5dB max., 500hm, SWR 1.5:1

Low Pass Filler Hown, 1.3-sounflayJouth Intax., 300/llift, SYM 1.3-sounflay Be a good neighbor. Plug this Low Pass TVI Filter between your transmitter and antenna or tuner and reduce your transmitter harmonics by 50 dBl Harmonics could be the source of interference to your neighbor's TV, radio, VCR, telephone, etc. SVM is below 1.5 to 30 MHz into 50 Ohms. Perfect for barefoot transceivers — handles 200 Watts with less than 0.5 dB insertion loss. Attenuation is 50 dB at 54 MHz. SO-239 connectors. 3x2x1 inches.



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Variation of prices and range of goods is reserved. i - for more info and our prices see on www.shop73.com ○ - sale



#### MFJ-704

#### 50 EUR GES 089 010 83

Low Pass Filter (Chebyshev, 9poles) 1.8-30MHz / 52 Ohms / 1.5kW

Anti-TVI Filter MFJ-704 is designed for Your transmitter. It is a Low Pass Filter
Chebyshev type, 9 poles, from MFJ (USA). Filter reduce TVI from amateur
transmitters by suppressing harmonical products above 30 MHz. Pass Band
is 0 to 30 MHz. Insertion Loss <0.5dB. Cut frequency 30MHz. Impedance 52

Ohms. Accepts up to 1500W. Connectors UHF (SO).



#### **LP-30** i 72,90 EUR GES 089 016 14

Low Pass Chebyshev 9-pole Filter 0-30MHz/0.25dBmax; 1500Wmax; 52 Ohms

Anti-TVI new LP-30 filter from VECTRONICS supress TVI from Your transmitter. It is a Chebyshev type Low Pass Filter, nine pole. Filter suppress harmonics appearing in the TV bands and has additional attenuation to TV-IF frequencies typical 70dB. Pass band 0 to 30 MHz. Insertion Loss less than 0.25dB. Cutoff frequency 30MHz. Typical attenuation over 65dB above 60MHz. Impedance 52 Ohm. VSWR <1.3:1. Power Capacity 1500W. Connectors UHF (PL, SO).



#### LP-2500

#### 118 EUR GES 089 016 13

Low Pass Chebyshev 9-pole Filter 0-30MHz/0.25dBmax; 2500W cont.; 52  $\Omega$  Connect new LP-2500 filter from VECTRONICS to Your transmitter and suppress TV. It is a Chebyshev type Low Pass Filter, nine pole. Filter suppress harmonics appearing in the TV bands and has additional attenuation to TV-IF frequencies above 40MHz. Pass band 0 to 30 MHz. Insertion Loss less than 0.25dB. Cutoff frequency 35MHz. Typical attenuation over 60dB above 60MHz. Impedance 52 Ohm. VSWR < 1.3:1. Power Capacity 2500W Continuous, 4000W PEP. Connectors UHF (PL, SD). Dimensions 242 x 108 x 61mm. Weight 1.14kg.



#### **Handy Noise Finder**

#### MFJ-852

#### 108 EUR GES 089 009 56

AC Power Line Noise Meter

Walk or drive around with these handheld power line noise meter to search out leaky insulators, loose hardware and corroded ground lines quickly. Track noise right down to the pole, transformer or insulators. Operates in 135MHz region where activity is minimum and radiation from corona and arcing is far more localized. Has 0.3uV sensitivity and wide-range AGC for noise level meter - over 70dB. Plug in headphones and hear the noise you'are tracking or plug tape recorder. Use this ultra-sensitive RFI Detector to track down and eleiminate RFI caused by radiating cables and wires. MFJ-852 tell You exactly which cable is radiating RFI so you can eliminate it with a simple toroid or clamp- on filter. Use it to find RFI generated by consumer devices, computers and office equipment. When You eliminate the RFI source, hash, birdies, whistles and transient noise miraculousli disappear. Measure 51 x 102 x 38mm. Use 9V build-in battery.



#### MFJ-856

#### 150 EUR GES 089 018 96

AC Power Line Noise Meter, with 3el. Yaqi Antenna

Walk or drive around with these handheld power line noise meter to search out leaky insulators, loose hardware and corroded ground lines quickly. Track noise right down to the pole, transformer or insulators. Operates in 135MHz region where activity is minimum and radiation from corona and arcing is far more localized. Has 0.3uV sensitivity and wide-range AGC for noise level meter over 70dB. Pug in headphones and hear the noise you'are tracking or plug tape recorder. Use this ultra-sensitive RFI Detector to track down and eleiminate RFI caused by radiating cables and wires. MFJ856 tell You exactly which cable is radiating RFI so you can eliminate it with a simple toroid or clamp-on filter. Use it to find RFI generated by consumer devices, computers and office equipment. When You eliminate the RFI source, hash, birdies, whistles and transient noise miraculously disappear. The MFJ856 is delivered with 3 element Yagfi antenna for pinpoint accurary. Use 9V build-in battery.



#### **Switches**

#### **Manual Switches**

MFJ-1703

24,30 EUR GES 089 004 43

Antenna / Transmitter Crossover Switch



#### MFJ-1702C

#### 32,20 EUR GES 089 011 48

Ant.sw. 1IN/20UT;1kWCW;<0,2dB;0÷450MHz;UHF-fem;center grnd;-light.prot.



#### MFJ-1702CN i

#### 39,30 EUR GES 089 011 49

Ant.sw. 1IN/20UT;1kWCW;<0,2dB;0÷450MHz;N-fem;center grnd;light.protec. Built-in Lightning Surge Protection.



#### MFJ-1704

#### 71,40 EUR GES 089 004 44

Ant.sw. 1IN/40UT;1kW CW;0,2dB;0÷450MHz;UHF-fem;center grnd;light.prot



#### MFJ-1704N

#### 78,10 EUR GES 089 004 45

Ant.sw. 1IN/40UT;1kW CW;0,2dB;0÷450MHz;N-fem;center grnd;light.protec.



#### MFJ-1701

#### 67,90 EUR GES 089 011 46

Ant.sw.1IN/60UT;1kW CW;1.8-30MHz;UHF-fem;50-750hm;unused inputs grnded



#### MFJ-1700C

#### 96,40 EUR GES 089 011 45

Ant.sw. 1-6IN/1-60UT;1kW CW;1.8-30MHz;UHF-fem;50-750hm;u-nus.inp.grnded





#### **Remote Switches**

#### RCS-10X

167 EUR GES 089 011 50

Remote Coax Switch, 8-position, 1.8 - 150 MHz, 220 V



#### RCS-10LX

205 EUR GES 089 011 51

Remote Coax Switch w/ lighting protection, 8-position, 1.8-150 MHz; 220V



#### Antennas and Accessories HF Magnetic Loop Antennas

#### MFJ-1786X i

392 EUR GES 089 005 09

10-30MHz Super Hi-Q Loop; 36 "diam; Autotuner+Cross-Needle Wattmeter; 150W

MFJ's tiny 36 inch diameter loop antenna lets you operate 10 through 30 MHz continuously - including WARC bands. Ideal for limited space - paptiments, small lots, attics or motor homes. Enjoy both DX and local contacts mounted vertically, Get both low angle radiation for excellent DX and high angle radiation for local, close-in contacts. Handles 150 Watts. Super easy-to-use! Only MFJ's super remote control has Auto Band Selection. It auto-tunes to desired band, then beeps to let you know. No control cable needed. Needs no-grounded power supply (we recommend the MW 1205 - GES 075 005 48). Fast/Slow tune buttons and built-in two range Cross-Needle SWR/Wattmeter lets you duickly tune to your exact frequency. All welded construction, no mechanical joints, welded butterfly capacitor with no rotating contacts, large 1.050 inch diameter round radiator - not a loosy thing flat - gives you highest possible efficiency. Each plate in MFJ's tuning capacitor is welded for low los sos and polished to prevent high voltage arcing, welded to the radiator, has nylon bearing, anti-backslash mechanism, limit switches, continuous no-stel DC motor - gives smooth precision tuning. Heavy duty thick plastic housing has ultraviolet inhibitor protection.





#### MFJ-1788X

440 EUR GES 089 005 11

7-21MHz Super Hi-Q Loop;36"diam.;Autotuner+Cross-Needle Wattmeter:150W

MFJ's tiny 36 inch diameter loop antenna lets you operate 15 through 40 Meters continuously - including WARC bands. Ideal for limited space - apartments, small lots, attics or motor homes. Enjoy both DX and local contacts mounted vertically, Get both low angle radiation for excellent DX and high angle radiation for local, close-in contacts. Handles 150 Watts. Super easy-to-usel Only MFJ's super remote control has Auto Band Selection. It auto-tunes to desired band, then beeps to let you know. No control cable needed. Needs no-grounded power supply (we recommend the MW 1205 - GES 075 005 48). Fast/Slow tune buttons and built-in-two range Cross-Needle SWR/Wattmeter lets you quickly tune to your exact frequency. All welded construction, no mechanical joints, welded butterfly capacitor with no rotating contacts, large 1.050 inch diameter round radiator - not a loosy thing flat - gives you highest possible efficiency. Each plate in MFJ's tuning capacitor is welded for low loss and polished to prevent high voltage arcing, welded to the radiator, has nylon bearing, anti-backslash mechanism, limit switches, continuous no-stel DC motor - gives smooth precision tuning. Heavy duty thick plastic housing has ultraviolet inhibitor protection.





#### **HF Wire Antennas**

#### OP-2BDQ

137 EUR GES 089 012 01

HY-GAIN wire 500hm dipole 40/80m.Lenght 31m+30m rope. Connector SO-239

DP-2BDQ is a 1/2 wavelenght rugged dipole for 40m and 80m with two broadband traps. The max. overall length is 30.8m. SWR at resonance is 1.5:1 max. 50 Ohm. 1kW max. Wind resistance 130km/h

#### DP-5BDQ

254 EUR GES 089 012 02

HY-GAIN wire 500hm dipole 10/15/20/40/80m.Lenght 29m+30m rope;S0-239

#### DP-19PD

274 EUR GES 089 0

HY-GAIN wire 500hm dipole 2-30MHz. Lenght 2x35.5m+2x30m rope;

SO-239

#### MFJ-1777 i 53,60 EUR GES 089 005

Allband wire antenna 160-6m, only 32m long, 1500W, ladder line 31m Needs a ballanced line tuner (MFJ969 or MFJ974HB or MFJ976 for 160-6m, MFJ902H or MFJ904H or MFJ962 for 80-10m and many others MFJ types) or a standard 50 Ohm tuner with suitable 4:1 current balun (such as MFJ912).



#### MFJ-1778

46,40 EUR GES 089 005 01

GSRV (160m) 80/40/30/20/17/15/12/10m antenna, feeder inclusive; 1500W The popular G5RV antenna is a multi-band center-fed dipole antenna for HF 10-80m. Works on 160m as a Marconi antenna - the bottom end of the feeder and any vertical coax should be connected together. Consists of a 102" (31.2m) flat top fed with a 32.5' (9.9m) 450 Ohm ladder matching section ending in a \$0.239 payial connector.



#### **HF Omnidirectional Verticals**

#### AV-12AVQ

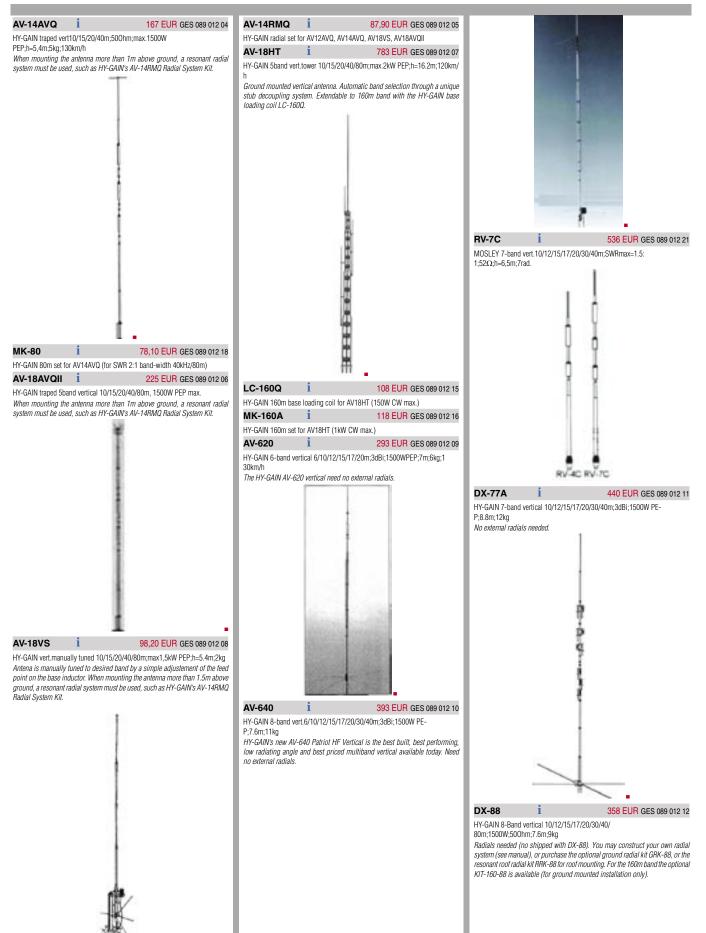
122 EUR GES 089 012 03

HY-GAIN traped vertical 10/15/20m;500hm;max.1500W PEP;h=4m;4kg;130km/h

When mounting the antenna more than 1m above ground, a resonant radial system must be used, such as HY-GAIN's AV-14RMQ Radial System Kit.











**GRK-88** i 96,40 EUR GES 089 012 13
HY-GAIN Ground Radial System for DX88

**RRK-88** i 96,40 EUR GES 089 012 19 HY-GAIN Roof Radial System for DX88

**KIT-160-88** i 186 EUR GES 089 012 14 HY-GAIN 160m set for DX88 (750W CW max.)

V-6R i 201 EUR GES 089 012 20 HY-GAIN colin.5/8lambda vert.51-54MHz;5.2dBi;7.7m;500hm;500W;UHF-

#### **HF + VHF Omnidirectional Verticals**

VEC-896 i 215 EUR GES 089 015 40

VECTRONICS 6-band vertical 2/6/10/15/20/40m;1500W PEP;500-hm;10m;8kg



#### MFJ-1798 i 283 EUR GES 089 005 16

MFJ 10-band vertical 2/6/10/12/15/17/20/30/40/80m; 1500WPEP; 500hm; 6m

High performance 10-band vertical antenna with low radiation angle with no ground radials. Just 20feet (6m) tall. Full size radiators for 2m to 20m. Needs 70feet (21m) free space. Good for pear ground and good mounting



# HF + VHF Broadband Omnidirectional Antennas

#### MFJ-1866 i 39,30 EUR GES 089 005 32

MFJ Broadband Skyband Discone Ant.,RX25-1300/TX144-220-440-900-1290MHz

Excellent antenna for testing various transmitters on single coax, perfect for scanners. Stainless steel elements. Max. Power 200W, SWR:1.5, Connector SO-239, for Mast Diameter 35mm



#### MFJ-1868 58,60 EUR GES 089 005 33

MFJ Broadb.Skyband Discone Ant.,RX25-1300/TX50-144-220-440-900-

Excellent antenna for testing various transmitters on single coax, perfect for scanners. Stainless steel elements. Max. Power 200W, SWR:1.5, Connector SO-239, for Mast Diameter 35mm

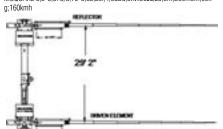


#### **HF Monobanders**

**80M1LL** i 1.617 EUR GES 089 012 34 MSQUARE 3,5-3,575/3,75-3,85;1el./26m;-0.22dBd;3kW;50Ω;28,2m;38kg



# **80M2LLA** i 4.205 EUR GES 089 012 35 MSQUARE 3,5-3,575/3,75-3,85;2el;4,0dBd;3kW50 $\Omega$ ;25,5m;Boom9m;99k-



# **80M3LLA i** 5.495 EUR GES 089 012 36 MSQUARE 3,48-3,575/3,75-3,84MHz3el;6,3dBd;20dB;5kW;29m;-

Boom16,8m;136kg

DIS-71 i 284 EUR GES 089 012 23
HY-GAIN Discoverer Monobander 1el;adjustable 7-10.5MHz;-0.5dBd;11kg
DIS-72 i 645 EUR GES 089 012 24

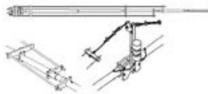
HY-GAIN Discoverer Monobander 2el;7MHz;4.3dBd;F/B15dBmax;l=6.9m;11kq

DIR-73K i 401 EUR GES 089 012 22

HY-GAIN Converts DIS72 to 3 elements

40M1LDX i 593 EUR GES 089 012 3

**40M1LDX i** 593 EUR GES 089 012 37 MSQUARE tunable dipole 6.9-10MHz/150kHz;E=70°;14m long;SWR=1.2typ.



#### **40M2LP** i 920 EUR GES 089 012 38

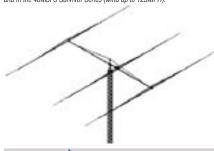
MSQUARE 7.0-7.3MHz/125kHz;4.2dBd;12dBF/B;E=85°Boom6.5m;SWRt vne1 2:1



#### **40M3L i** 1.291 EUR GES 089 012 39

MSQUARE 7.0-7.3MHz/200kHz;5.6dBd;20dBF/B;E=62°;Boom 10m;SWR-type1.3

The 40M3L antenna is available in the 40M3FS version (wind up to 100MPH) and in the 40M3FS Survivor Series (wind up to 125MPH).



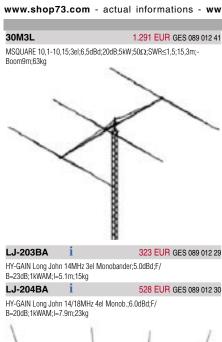
**40M4LLDD i** 1.858 EUR GES 089 012 40 MSQUARE 7.0-7.3MHz;6.2dBd;22dBF/B;E=62°;Boom 13m;SWRtyp1.2:1



All our catalog prices are inclusive of VAT and come on from 1€ = 28,20 CZK. Selling prices will be calculated with CNB daily rate.

Variation of prices and range of goods is reserved. i - for more info and our prices see on www.shop73.com ○ - sale





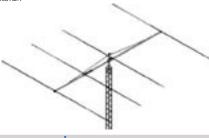


#### **LJ-205CA** i 752 EUR GES 089 012 31

HY-GAIN Long John 14/18MHz 5el Monob.;6.5dBd;F/B=25dB;1kWAM;l= 10.4m;28kg

20M4DX i 699 EUR GES 089 012 42

MSQUARE 14-14.35;7.4dBd;24dBF/B;E=50°H=75°;4el;Boom10.3m;CSV res1 2-1



20M5 i 1.372 EUR GES 089 012 43

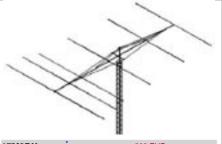
MSQUARE 14.0-14.35MHz;7.5dBd;25dBF/B;E=46°;6el;Boom16.5m;SWRtyp

The 20M5 antenna is available in the 20M5 Survivor Series (wind up to 125MPH)



MSQUARE 14.0-14.35MHz;9.0dBd;25dBF/B;E=46°;6el;Boom18.5m;SWRtyp 1.2

The 20M6 antenna is available in the 20M6 Survivor Series (wind up to



17M3DX i 523 EUR GES 089 012 45

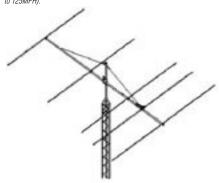
MSQUARE 18-18,3MHz3el;6,3dBd;25dbF/B;E=60°H=90°;Boom5,5m;CSV 1 2:1-16kg



17M5DX i 699 EUR GES 089 012 46

MSQUARE 18.08-18.2;8.6dBd;24db;E=48°H=75°;5el;Boom11m;SWR1.2: 1;180km/h

The 17M5DX antenna is available in the 17M5DX Survivor Series (wind up to 125MPH).



**LJ-153BA** i 205 EUR GES 089 012 27

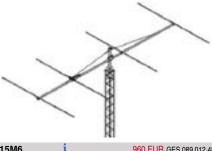
HY-GAIN Long John 21MHz 3el Monobander;5.3dBd;F/B=25dB;1kWAM;I=3.7m;10kg

#### **LJ-155CA** i 420 EUR GES 089 012 28

HY-GAIN Long John 21MHz 5el Monobander;7.6dBd;F/B=25dBmax;1kW AM;l=7.9m

#### 15M4DX i 593 EUR GES 089 012 47

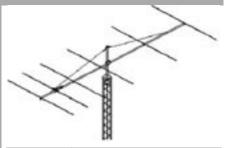
MSQUARE 21.0-21.45MHz;8.5dBd;25dbF/B;E=53°H=60°;4el;Boom11m; CSV<1.2:1



**15M6** i 960 EUR GES 089 012 48 MSQUARE 21.0-21.45MHz9.4dBd:25dbF/B;E=48°H=53°:6ei;Boom13.5m;

SWR≤1.4:1

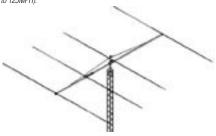
The 15M6 antenna is available in the 15M6 Survivor Series (wind up to



#### 12M4DX i 523 EUR GES 089 012 49

MSQUARE 24.9-25MHz;8.6dBd;20dbF/B;E=48 $^{\circ}$ /H=58;4el.;Boom 8.2m;SWR $\leq$ 1.2:1

The 12M4DX antenna is available in the 12M4DX Survivor Series (wind up to 125MPH)



**LJ-103BA** i 157 EUR GES 089 012 25

HY-GAIN Long John 28MHz 3el Monobander;5.3dBd;F/B=24dB;1kW AM:I=2.5m:7kg

#### **LJ-105CA** i 284 EUR GES 089 012 26

HY-GAIN Long John 28MHz 5el Monobander;8.6dBd;F/B=36dBmax;1kW AM: =7.4m

#### 10M4DX i 523 EUR GES 089 012 50

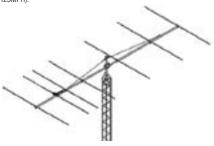
MSQUARE 28-29MHz;8.7dBd;25dbF/B;E=53°/H=60;4el.;Boom 10m:SWR<1.2:1



#### 10M7 i 960 EUR GES 089 012 51

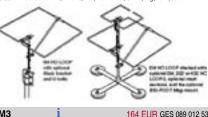
MSQUARE 28-28.75;10.3dBd;25dbF/B;E=46°H=56°;7el;Boom 14m;SWR≤1.4:1

The 10M7 antenna is available in the 10M7 Survivor Series (wind up to



#### 6METER HO-LOOP i 125 EUR GES 089 012 52

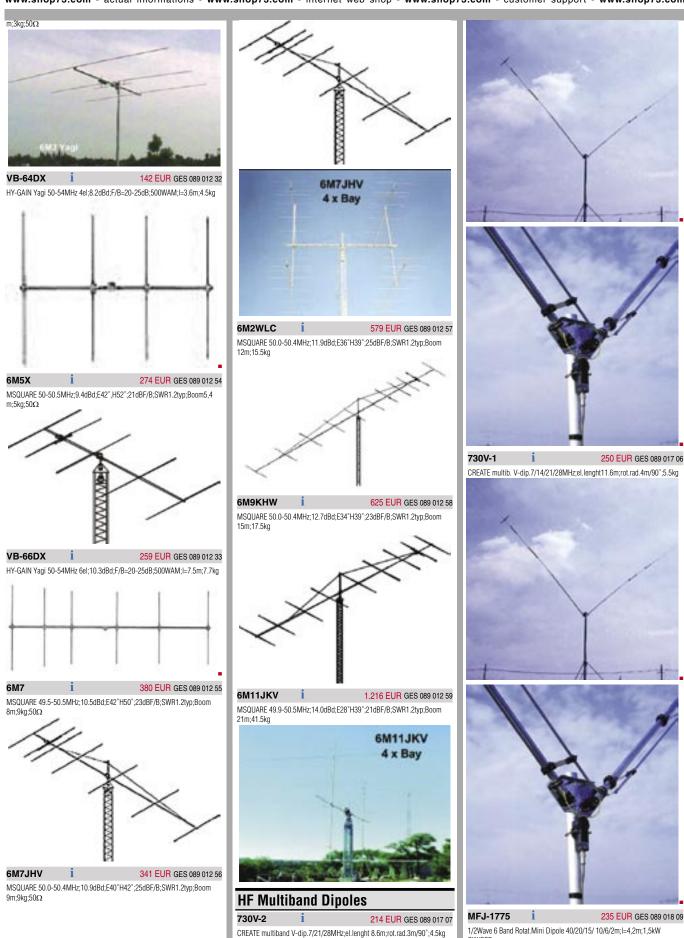
MSQUARE 50-50.3MHz;4.2dBd/25°;Horizontal/Omni;1kg;50Ω;800W



MSQUARE 50-50.6MHz;6.4dBd;E65°,H80°;20dBF/B;SWR1.1typ;Boom2,4

All our catalog prices are inclusive of VAT and come on from 1€ = 28,20 CZK. Selling prices will be calculated with CNB daily rate. Variation of prices and range of goods is reserved. i - for more info and our prices see on www.shop73.com ○ - sale





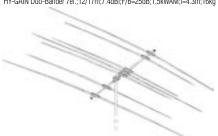




#### **HF Multibanders**

DB-1217 440 EUR GES 089 012 80

HY-GAIN Duo-Bander 7el.:12/17m:7.4dBi:F/B=25dB:1.5kWAM:I=4.3m:16kg



DB-1015 440 EUR GES 089 012 79 HY-GAIN Duo-Bander 7el.;10/15m;8dBi;F/B=20-25dB;1kW AM;I=3.9m;16kg

KT34M2 1.327 EUR GES 089 012 93

MSQUARE 14/21/28MHz;6.8-7.6dBi;17-25dB F/B;4el.;SWR typ1.5: 1;17kg;50Ω



1.379 EUR GES 089 012 94

MSQUARE 14;21;28MHz;Gain 9.1-10.5dBi;17-28.5dB F/B;6el.;SWR typ 1.5:1;38kg



**EXP-14** 586 EUR GES 089 012 81

HY-GAIN Tri-Bander 4el;10/15/20;8.1dBi;F/B=21-27dB;1,5kWA-M;I=4.2m;21kg



QK-710 176 EUR GES 089 012 82

HY-GAIN 30/40M Kit for EXP-14

TH-2MK3 362 EUR GES 089 012 83

HY-GAIN Tri-Bander 2el.;10/15/20m;3dBd;F/B=15-20dB;1,5kWPE-P;l=2m;10kg



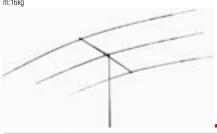
TH-3JRS 350 EUR GES 089 012 84

HY-GAIN Tri-Bander 3el.;10/15/20m;5.8dBd;F/B=25dB;600WPEP;I=3.7m



458 EUR GES 089 012 85

HY-GAIN Tri-Bander 3el.;10/15/20m;5.8dBd;F/B=25dB;1.5kWPEP;I=4.3



TH-5MK2 742 EUR GES 089 012 86

HY-GAIN Tri-Bander 5el;10/15/20m;7.8dBi;F/B=19-25B;1,5kWPE-P;I=6m;29kg



HY-GAIN 7el 10/15/20m;8,0-9,6dBi;F/B=18-22dB;4kWPEP;7,3m;34kg;1



1.133 EUR GES 089 012 78

HY-GAIN 11el 10/12/15/17/20m;7,5-9,2dBi;F/B=19-27dB;4kWPE-P:7.3m:40kg



TW-33-XL

955 EUR GES 089 012 88

MOSLEY HF Beam 3el 10/12/17m (7.2/6.8/6.0dBd);F/B 20dB;boom 5.4m;



#### TW-34-XL

1.218 EUR GES 089 012 89

MOSLEY HF Beam 4el 10/12/17m (9.4/8.5/6.8dBd);F/B 20dB;boom 7.2m; 38ka

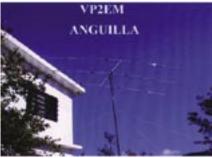
#### MINI-33-A

508 EUR GES 089 017 14

MOSLEY HF Beam 3el 10/15/20m (6.1/4.2/3.5dBd); F/B 16-12dB; Boom

1.8m Mini Beam MOSLEY. 3 elements on 10/15/20m. Gain(dBd)-F/B(dB)-Band(m):

6.1-16-10m, 4.2-13-15m, 3.5-12-20m. Maximal Power Rating 500W CW, 1,2kW SSB PEP, 250W RTTY. Impedance 50 Ohms, Boom Lenght 1.9m, Turning Radius 2.7m, Recommended Mast 1-1/2" (38mm), Max. Element Lenght 5.4m, Weight 6.5kg, Wind Surface Area 0.35m2, Wind Load 22kg (EIA 80km/hod.)



MINI-33-A-WARC

 $MOSLEY\ HF\ Beam\ 3el\ 10/12/15/17/20m\ (6.1/0/4.2/0/3.5dBd);\ F/B\ 16-12dB$ Mini Beam MOSLEY. 3 elements on 10/15/20m, dipole on 12/17m. Gain(dBd)-F/B(dB)-Band(m): 6.1-16-10m, 0.0-0-12m, 4.2-13-15m, 0.0-0-17m, 3.5-12-20m. Maximal Power Rating 500W CW, 1,2kW SSB PEP, 250W RTTY. Impedance 50 Ohms, Boom Lenght 1.9m, Turning Radius 2.7m, Recommended Mast 1-1/2" (38mm), Max. Element Lenght 5.4m, Weight 7kg, Wind Surface Area 0.4m2, Wind Load 25kg (EIA 80km/hod.)





# PRO-67-C-3-301 2.233 EUR GES 089 012 90 MOSLEY HF Beam 7el 10/12/15/17/20/30/40m; Boom 7.5m; SWR typ=1.5:1

#### PRO-96-2 i 3.291 EUR GES 089 012 91



**PRO-96-3** i 3.907 EUR GES 089 017 15



**PRO-96-S-30** i 8.961 EUR GES 089 012 92

MOSLEY HF Beam 11el 10m-8el 12/15/17/20m-5el 30m-3el 40m-4el;Boom 14.5m

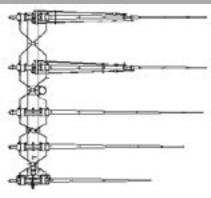


#### **HF Log-Periodic Antennas**

**6-10LP5** i 1.768 EUR GES 089 012 95 MSQUARE 6-10MHz;5dBd;15dB F/B;E=70° H=85°;5el;Boom 9m; SWR typ

MSQUARE 6-10MHz;5dBd;15dB F/B;E=70° H=85°;5el.;Boom 9m; SWR typ 1.5:1;43kg

The 6-10LP5 antenna is available in the 6-10LP5 125MPH Survivor Series (wind up to 125MPH).



#### **7&10-30LP8** i 1.768 EUR GES 089 012 96

MSQUARE 7;10-30MHz;G=3-6dBd;6-15dB F/B;E65° H75°;8 el Boom 9m;SWR 1.8:1;55kg

The 7&10-30LP8 antenna is available in the 7&10-30LP8 125MPH Survivor Series (wind up to 125MPH).



10-30LP8 i 1.589 EUR GES 089 012 97

MSQUARE 10-30MHz;6dBd;15dB F/B;E=65°;8el;Boom 7.1m;SWR typ 1.5:

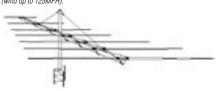
The 10-30LP8 antenna is available in the 10-30LP8 125MPH Survivor Series (wind up to 125MPH).



#### 17-30LP7DX i 1.095 EUR GES 089 012 98

MSQUARE 17-30MHz;6.5dBd;20dB F/B;E=65°;7eI.;Boom 7.2m; CSV typ

The 17-30LP7 antenna is available in the 17-30LP7 125MPH Survivor Series (wind up to 125MPH).



#### **LP-1010AN** i 1.757 EUR GES 089 012 77

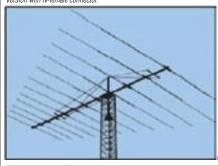
HY-GAIN Log-Per 14el;10-30MHz;7dBi;F/B=17dB;1.5kWPEP;I=8.5m;43kg Version with N-female connector



LP-1009AN i 1.396 EUR GES 089 012 75

HY-GAIN Log-Per 12el;13-30MHz;7.2-13.2dBi;F/B=10-22dB;4kWPE-P;L=9m;43kg

Version with N-female connector.



CLP5130-1N i 286 EUR GES 089 017 08

CREATE 21el.log-per ant.50-1300MHz;10-12dBi;F/B10-15dB;SWRmax.2:

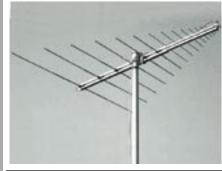
Log-per antenna, boom lenght 2.0m, element lenght 3.0m, for H and V polarisation, impedance 50 0hm, max. 500W PEP, for mast size 48-61mm, weight 5kg, max. wind speed 40m/sec., recommended rotator CREATE RC5-1



CLP5130-2N i 179 EUR GES 089 017 09

CREATE 17el.log-per ant.105-1300MHz;11-13dBi;F/B10-15dB;SWRmax2: 1,Nfem

Log-per antenna, boom lenght 1.4m, element lenght 1.3m, for H and V polarisation, impedance 50 Ohm, max. 500W PEP, for mast size 42-50mm, weight 3kg, max. wind speed 40m/sec., recommended rotator CREATE RC5-1 or RC5-3 series



# VHF Mobile Car Antennas and Magnet Mounts

MFJ-1412 i 39,30 EUR GES 089 012 99

RuffRiderTM 40" 2M Mobile





BAR 5/8 144+430MHz

Antenna Bar 5/8lambda to VA49 MAGNET. Dualband antenna 144+430MHz

13,90 EUR GES 089 013 16



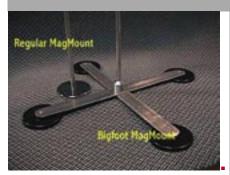


54,10 EUR GES 089 013 19 MSQUARE 430-436MHz;5dBd/4°;Horizontal/Omni;2kg;50Ω;800W For mobile operation use the BIG-FOOT mag-mount.



BIG-FOOT 125 EUR GES 089 013 20 MSQUARE Mag-mount



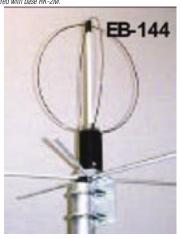


#### EB-144/RK-2Mi

234 EUR GES 089 013 21

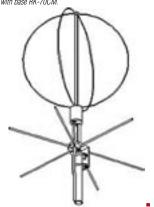
MSQUARE 144-146(135-150)MHz;SWR1.2:1;0mni;50 $\Omega$ ;1kW;160km/h;H87cm,W72cm

Delivered with base RK-2M.



#### EB-432/RK-70CM i

222 EUR GES 089 013 22



#### ME 1-1516

91,10 EUR GES 089 013 15

 $PulsarTM\ Base/Repeater\ Antenna\ 144MHz,\ length\ 4.5m,\ 200W,\ SO-239$ 



#### MFJ-1740

24,30 EUR GES 089 004 78

MFJ 1/4 wave ground plane for 2-Meter (after trimming for 70cm) Easy installation to any 25 -38mm mast, with SO-239 connector



#### MFJ-1750 i 28,60 EUR GES 089 004 81

MFJ 5/8 wave Ground Plane 2-Meter Antenna



#### MFJ-1754 i 33,90 EUR GES 089 004 83

MFJ Dual Band Base Antenna for 144 / 440 MHz Band Easy installation to any 25 -38mm mast, with SO-239 connector , stainless radiator 49cm (19") long (lambda/4 for 2m) has a buillt-in integral phasing

coil for 70cm



#### **VHF Beams**

2M4

125 EUR GES 089 013 33

MSQUARE 144-148MHz;7.5dBd;E54°H74°;20dBF/B;SWR1.5max;Boom1, 2m;1,5kg50 $\Omega$ 



#### 2M7 i 140 EUR GES 089 013 34

MSQUARE 144-148MHz;10.3dBd;E46°H54°;20dBF/B;SWR1.3typ;Boom2, 5m;2kg;50Ω



#### **2M9FM** i 163 EUR GES 089 013 35

MSQUARE 145-148MHz;12dBd;E35°,H40°;24dBF/B;SWR1.4typ;Boom4,5 m;3kg;50 $\Omega$ 



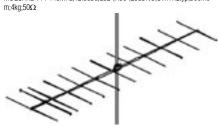
#### 2M9SSB i 163 EUR GES 089 013 3

MSQUARE 144-146MHz;12dBd;E35°,H40°;24dBF/B;SWR1.4typ;Boom4,5 m;3kn;50Q



#### 2M12 i 222 EUR GES 089 013 37

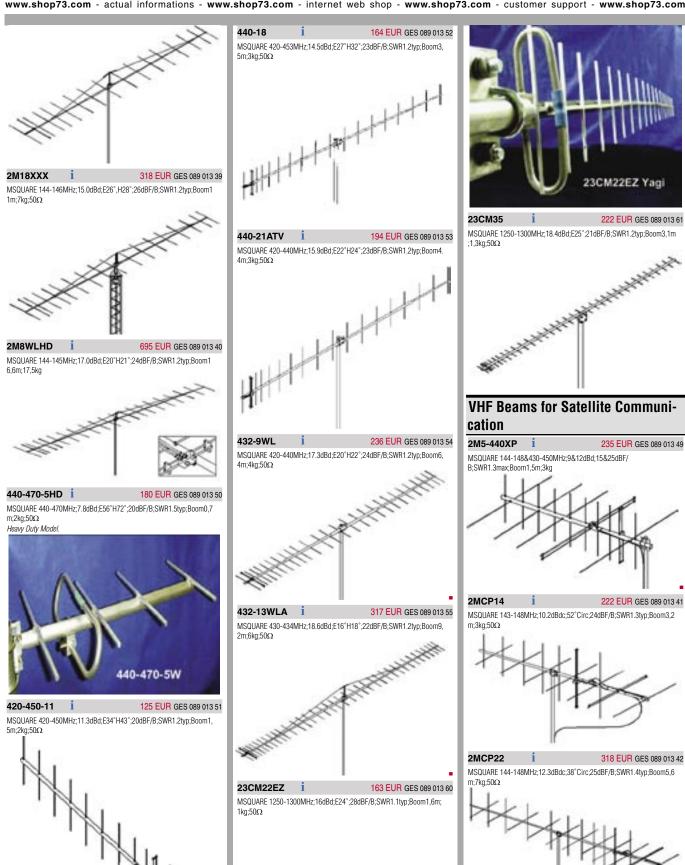
MSQUARE 144-148MHz;12.8dBd;E32°,H36°;25dBF/B;SWR1.2typ;Boom6



#### **2M5WL** i 274 EUR GES 089 013 38

MSQUARE 144-148MHz;14.7dBd;E26°,H29°;22dBF/B;SWR1.2typ;Boom1





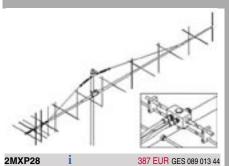
MSQUARE 144-146MHz;13.3dBd;31°;V+H;20dBF/B;SWR1.2typ;Boom7.2

274 EUR GES 089 013 43

2MXP20

m;3kg;50 $\Omega$ 





MSQUARE 144-145MHz;15.1dBd;25°;V+H;24dBF/B;SWR1.4max;Boom12 m:8.5kn:50Q

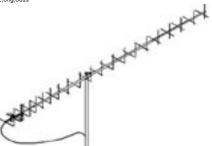


MSQUARE 144-144.6MHz;15.8dBd;24°;V+H;24dBF/B;SWR1.4max;Boom

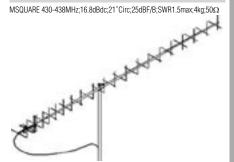


436CP30 i 319 EUR GES 089 013 56

MSQUARE 432-440MHz;14.2dBdc;Circul.;22dBF/B;SWR1.6max;Boom3m;2,5kg;50 $\Omega$ 



436CP42UG i 375 EUR GES 089 013 57



# DIAMOND - Dualband Base & Repeater Antennas. SALE OUT

X700HNA O 286 EUR GES 089 012 70

DIAMOND antenna 2m/70cm;4+5/8;11+5/8lambda;9.3/

13.0dB;200W;N;4kg;7.2n Sale out.

# Baluns, Duplexers, Isolators, Power Dividers

#### **Baluns**

BN-86 i 78,60 EUR GES 089 013 65

Balun 1:1, 3-30MHz/+-1dB, 1500W for SWR max.2:1, 500hm, SO-239



#### MFJ-911 19,60 EUR GES 089 009 78

Balun 4:1, flat response 1.8-30MHz, 2000hm/500hm, 300W This transmission line transformer uses low-permeability ferrite cores. Dimensions 64 x 121 x 26mm.



#### MFJ-911H

#### 30,40 EUR GES 089 018 95

Switchable balun 1:1 or 4:1, flat response 1.8-30MHz,2000hm/500hm,300W This transmission line transformer uses low-permeability ferrite cores. Dimensions 64 x 121 x 26mm.



#### MFJ-912

#### 57,20 EUR GES 089 009 83

High power W9INN 4:1 Balun Box, 1500W full legal limit
Uses giant cores, wound with Teflon wire. Heavy duty ceramic feedthru insulators. Dimensions 83 x 58 x 178mm.



#### MFJ-913 i 28,60 EUR GES 089 009 86

Balun 4:1;300Wmax;200/50 $\Omega$ ;160-10m;Centr.Insulat.Weatherproof; $\varnothing$ 51x115mm



#### MFJ-919 i 60,70 EUR GES 089 009 96

4:1 Balun;1,5kWmax;200/50 $\Omega$ ;160-10m;Centr.Insulat.Weather-pr.;89x89x64mm



#### Duplexers

#### AD-3

46,40 EUR GES 089 001 06

Antenna duplexer;1.6-150MHz(0.25dB)/400-460MHz(0.4d-B);100W;50 $\Omega$ ;SWR<1.2

Antenna duplexer for multiband antenna connection to a Dual Band TCVR with two antenna inputs (dualband antenna 2m/70cm etc). Isolation between passbands at least 55dB. Rugged diecast housing 57x27x46mm, 200grams. Connectors: PL-259 for 1.6-150MHz, N-male for 400-460MHz, SO-239 (UHF-



#### **Power Dividers**



**DIVIDER 2M/2P** 1 78,60 EUR GES 089 013 7

MSQUARE Power Divider for 2m Band, 1IN/20UT, N-female,  $50\Omega$ , 1.5kW



Hard style power divider. Made from aluminium alloy tubing brazed into machined junction blocks. Center conductor are cooper, held in place with Teflon spacers. All connectors are o-ring sealed.



#### DIVIDER 2M/4P i

122 EUR GES 089 013 72

MSQUARE Power Divider for 2m Band, 1IN/40UT, N-female, 50Ω, 1.5kW Hard style power divider. Made from aluminium alloy tubing brazed into machined junction blocks. Center conductor are cooper, held in place with Teflon spacers. All connectors are o-ring sealed.

#### DIVIDER 70CM/2Pi

#### 78,60 EUR GES 089 013 73

MSQUARE Power Divider for 70cm Band, 1IN/20UT, N-female,  $50\Omega$ , 1.5kW Hard style power divider. Made from aluminium alloy tubing brazed into machined junction blocks. Center conductor are cooper, held in place with Teflon spacers. All connectors are o-ring sealed.



#### DIVIDER 70CM/4Pi

122 EUR GES 089 013 74

MSQUARE Power Divider for 70cm Band, 1IN/40UT, N-female,  $50\Omega$ , 1.5kW Hard style power divider. Made from aluminium alloy tubing brazed into machined junction blocks. Center conductor are cooper, held in place with Teflon spacers. All connectors are o-ring sealed.

#### DIVIDER 23CM/2Pi

MSQUARE Power Divider for 23cm Band, 1IN/20UT, N-female, 50Ω, 1.5kW Hard style power divider. Made from aluminium alloy tubing brazed into machined junction blocks. Center conductor are cooper, held in place with Teflon spacers. All connectors are o-ring sealed.

#### DIVIDER 23CM/4Pi

#### 122 EUR GES 089 013 76

MSQUARE Power Divider for 23cm Band, 1IN/40UT, N-female,  $50\Omega$ , 1.5kW Hard style power divider. Made from aluminium alloy tubing brazed into machined junction blocks. Center conductor are cooper, held in place with Teflon spacers. All connectors are o-ring sealed.

#### **Antenna Isolators**

#### MFJ-16C01

1,04 EUR GES 089 004 39

Glazed Ceramic Dipole end Insulator



#### MFJ-16C06

4,26 EUR GES 089 004 40

6-Pack - Glazed Ceramic Dipole end Insulator



MFJ-16C100

64,30 EUR GES 089 004 41

100-Bulk Pack Glazed Ceramic Dipole end Insulator



MFJ-16D01

450 Ohm Center Insulator



#### **Rotators and Accessories**

#### **CREATE Rotators and accessories**

464 EUR GES 089 016 72

CREATE antenna rotor 12VDC, AZ angle 370°, preset, variable speed



393 EUR GES 089 016 71

CREATE antenna rotor, AZ angle 370°, preset, variable speed





RC5-3P

540 EUR GES 089 016 70

CREATE antenna rotor, AZ angle  $370^\circ$ , motor snail gearing, PC compatible





786 EUR GES 089 016 66

CREATE antenna rotor, AZ angle  $370^\circ$ , motor snail gearing, PC compatible







RC5B-3P i 1.072 EUR GES 089 016 65 CREATE antenna rotor, AZ angle 370°, motor snail gearing, PC compatible





RC5B-4P i 1.214 EUR GES 089 016 69 CREATE antenna rotor, AZ angle 370°, motor snail gearing, PC compatible





CREATE 7-25J 10,70 EUR GES 089 018 85
Spare connector for CREATE RC5 rotors (rotor side)

CREATE 7-25P 23,20 EUR GES 089 018 84

Spare cable connector for CREATE RC5 rotors (cable side)

RC10S

2.464 EUR GES 089 017 05

CREATE antenna rotor for large commercial antennas (Log-Per)



RC10SP 2.607 EUR GES 089 018 04

CREATE antenna rotor for large commercial antennas (Log-Per)

AER-5 i 1.179 EUR GES 089 019 04

CREATE rotor AZ/EL;35sec360°/25sec90°;Rot.66/77Nm;Brake980/1100Nm;Weight12kg

AER-5 is both azimuth and elevation combined rotator made of combining 2 rotators, ERC51 and RC5-3P in one solid set. Although the mountable size and weight of antenna is limited below within 50kg, such an antennas popular mong Satellite lovers, like those antennas commonly used such as 5 to 15 element 2m single Yagi with 5 to 25 element 70cm single Yagi will exactly be most suitable and meet the request. AER-5 is computer compatible. Full controlled with CREATE RAC825 control unit.







CREATE elevation rotor;18-60sec/90°;Rot.50Nm/brake 100Nm;RAC825

compat

ERC51 i 500 EUR GES 089 016 73

CREATE elevation rotor;25-55sec/90°;Rot.180Nm/brake 980Nm;RAC825 comp.



ERC5A i 1.250 EUR GES 089 016 74

 $\label{eq:creation} {\it CREATE elevation rotor;} 75\text{-}110 sec/90°; \\ {\it Rot.} 480 \text{Nm/brake} 2800 \text{Nm;} \\ {\it RAC825 comp}$ 



#### RAC825 536 EUR GES 089 017 04

CREATE Satellite and EME Tracker for AZ-EL control of CREATE rotors Sofisticated control unit. Satellite tracker for controlling an antenna for auto-tracking a communication satellite, EME communication, and for receiving a noise sources of other orbit planets etc. Most standard AZ and EL rotors can be interfaced. Builds in CPU and firmware. Two operation type: 1) Terminal Mode - RAC 825 works standalone 2) Host Mode - connected to PC with running tracking software (Nova). CPU: 18031, 32KB with lithium battery backup, 64KB ROM, ADC: MPD7004C 10Bit / 8Ch, RTG62421B, PPI 8255, 24 Input/Output, RS 232 9600Bps, CAT Radio Interface 4900/9600/19200 for Icom (IC275, IC375, IC821, IC970 etc. with CAT), Kenwood (TS711, TS790, TS811 etc. with CAT) and Yaesu (FT736, FT847 etc with CAT). D250mmxW200mmxH80mm. Weight 2kg.





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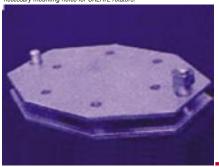


MC-2 67,90 EUR GES 089 016 93



UC-1	35,70 EUR GES 089 016 92
CREATE Universal Coupler	

Absorber-junction UC-1 compense rotator's swings and avoids rotator before damage. Absorber is mounted between rotator and rotator base. Absorber besides tension caused by not perpendicular mounting. Absorber has no rubber silent blocks. Rugged upper plate lies on massive central spike of lower plate. Both plates are fixed by screws fix mounted to lower plate and passing thru oval holes of upper plate. Plates material is galvanized steel. Both plates have necessary mounting holes for CREATE rotators.



CK46 50 EUR GES 089 016 77
CREATE Conical thrust bearing for antenna mast ⊘40-65mm







No.	Model	Diameter mm
	PBP-1	100 ~ 120
	PRP-1	120 ~ 150
2	PBP-2	120 ~ 150
- 4	PRP-2	150 ~ 173
3	PBP-3	150 ~ 173
3	PRP-3	170 ~ 214
	PBP-4	170 ~ 214
4	PRP-4	205 ~ 260
	PBP-5	205 ~ 251
,	PRP-5	250 ~ 290

PBP-2 123 EUR GES 089 016 95
CREATE Thrust bearing CK46 mount bracked for tubing pole 120-150mm





No.	Model	Diameter mm
	PBP-1	100 ~ 120
	PRP-1	120 ~ 150
2	PBP-2	120 ~ 150
2	PRP-2	150 ~ 173
3	PBP-3	150 ~ 173
	PRP-3	170 ~ 214
4	PBP-4	170 ~ 214
	PRP-4	205 ~ 260
5	PBP-5	205 ~ 251
	PRP-5	250 ~ 290

PBP-	3	132 EUR	GES 089 016 9



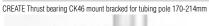




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No.	Model	Diameter mm
	PBP-1	100 ~ 120
•	PRP-1	120 ~ 150
2	PBP-2	120 ~ 150
-	PRP-2	150 ~ 173
3	PBP-3	150 ~ 173
	PRP-3	170 ~ 214
4	PBP-4	170 ~ 214
	PRP-4	205 ~ 260
5	PBP-5	205 ~ 251
	PRP-5	250 ~ 290









No.	Model	Diameter mm
	PBP-1	100 ~ 120
	PRP-1	120 ~ 150
2	PBP-2	120 ~ 150
2	PRP-2	150 ~ 173
3	PBP-3	150 ~ 173
3	PRP-3	170 ~ 214
	PBP-4	170 ~ 214
*	PRP-4	205 ~ 260
5	PBP-5	205 ~ 251
3	PRP-5	250 ~ 290

PBP-5 216 EUR GES 089 016 98

CREATE Thrust bearing CK46 mount bracked for tubing pole 205-251mm





No.	Model	Diameter mm
	PBP-1	100 ~ 120
	PRP-1	120 ~ 150
2	PBP-2	120 ~ 150
2	PRP-2	150 ~ 173
3	PBP-3	150 ~ 173
	PRP-3	170 ~ 214
4	PBP-4	170 ~ 214
	PRP-4	205 ~ 260
5	PBP-5	205 ~ 251
	PRP-5	250 - 290

PRP-1 123 EUR GES 089 016 99

CREATE Mount bracket for RC5 for tubing pole 100-120mm





No.	Model	Diameter mm
	PBP-1	100 ~ 120
•	PRP-1	120 ~ 150
2	PBP-2	120 ~ 150
2	PRP-2	150 ~ 173
3	PBP-3	150 ~ 173
	PRP-3	170 ~ 214
4	PBP-4	170 ~ 214
	PRP-4	205 ~ 260
5	PBP-5	205 ~ 251
	PRP-5	250 ~ 290

PRP-2 128 EUR GES 089 017 00

CREATE Mount bracket for RC5 for tubing pole 150-173mm





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No.	Model	Diameter mm
	PBP-1	100 ~ 120
	PRP-1	120 ~ 150
2	PBP-2	120 ~ 150
2	PRP-2	150 ~ 173
-	PBP-3	150 ~ 173
3	PRP-3	170 ~ 214
4	PBP-4	170 ~ 214
	PRP-4	205 ~ 260
	PBP-5	205 ~ 251
5	PRP-5	250 ~ 290







No.	Model	Diameter mm
•	PBP-1	100 ~ 120
•	PRP-1	120 ~ 150
2	PBP-2	120 ~ 150
2	PRP-2	150 ~ 173
3	PBP-3	150 ~ 173
3	PRP-3	170 ~ 214
4	PBP-4	170 ~ 214
	PRP-4	205 ~ 260
5	PBP-5	205 ~ 251
	PRP-5	250 - 290

PRP-4 216 EUR GES 089 017 02

CREATE Mount bracket for RC5 for tubing pole 205-260mm





No.	Model	Diameter mm
	PBP-1	100 ~ 120
	PRP-1	120 ~ 150
2	PBP-2	120 ~ 150
2	PRP-2	150 ~ 173
3	PBP-3	150 ~ 173
	PRP-3	170 ~ 214
7	PBP-4	170 ~ 214
4	PRP-4	205 ~ 260
5	PBP-5	205 ~ 251
	PRP-5	250 ~ 290

260 EUR GES 089 017 03

CREATE Mount bracket for RC5 for tubing pole 250-290mm





No.	Model	Diameter mm
	PBP-1	100 ~ 120
•	PRP-1	120 ~ 150
2	PBP-2	120 ~ 150
2	PRP-2	150 ~ 173
9	PBP-3	150 ~ 173
3	PRP-3	170 ~ 214
4	PBP-4	170 ~ 214
	PRP-4	205 ~ 260
5	PBP-5	205 ~ 251
	PRP-5	250 ~ 290

#### **HY-GAIN** Rotators and accessories

HY-GAIN Rotor 230VAC for large FM/TV/Communication arrays up to 0.3m2 For systems up to 0.3m2 when inside tower mounted with support bearing or 0.15m2 when mast mounted. Dual 12 ball bearing race. Fully automatic position senzor - never needs resetting. Fully automatic control - just dial and touch for any desired location. Solid-state control - silent operation. Low voltage control - safe operation. Maximum mast size up to 52mm (2-1/16"). Includes MSLD light duty lower mast support. 230VAC/50Hz, 11kg.



#### 381 EUR GES 089 014 04 CD-45IIX

HY-GAIN Rotor 230VAC Friction brake/ meter, 8.5 sq.ft (0.8m2)

For systems up to 0.8m2 when inside tower mounted with support bearing or 0.4m2 when mast mounted. Total weather protection. Dual 48 ball bearing race.
Diecast ring gear. Illuminated directional meter with North center scale. Snap--action control switches. 24VAC/2.25A low voltage motor control. Maximum mast size up to 52mm (2-1/16"). Includes MSLD light duty lower mast support. 230VAC/50Hz, 11 kg.





MSLD

39 EUR GES 089 014 14

HY-GAIN Light duty, lower mast support. Mast up to 52mm O.D.

97,60 EUR GES 089 014 13

HY-GAIN Heavy duty, lower mast support for HAM IV,T2X. 1-7/8 to 2-5/8

# **MSQUARE** Rotators and accesso-

MT1000 (EL)

1.659 EUR GES 089 014 22

MSQUARE Antenna rotator for elevation 0-90°; Variable speed 15-150sec.

i 1.795 EUR GES 089 014 23

MSQUARE Antenna rotator for big ant.systems; For elevation 0-90° OR2800P-DC i 1.585 EUR GES 089 014 21

MSQUARE Heavy Duty Antenna Rotator; Horiz; 360°/55-300sec; 28-42V; 21kg

603 EUR GES 089 014 24

MSQUARE Control Unit;Dig.display;Var.speed;RS232;For OR2800/MT3000 RC2800P-PRKi 0 FUR GES 089 014 25

MSQUARE Double Control Unit;Dig.display;Var.speed;RS232;For OR2800/MT

#### YAESU - Rotators and accessories

395 EUR GES 089 014 26

YAESU Antenna Rotator, without 25m cable

Antenna rotor for vertical load 100kg (max.300kg), rotation torque max.60Nm, braking torque max.300Nm, antenna wind loading area up to 1m2 (tower type) resp. 0.5m2 pole type with free end max.0.5m), antenna coefficient K=100, rotation range max.450°, rotation speed 63sec/360° (mechanical stopper), mast outside diameter 32-63mm, 360° scale, power supply 230VAC/0.25A, weight (dimensions): 3.5kg (Ø 186x263mm) rotator plus 2.7kg (190x125x150mm) controller, operating temperature range (rotator) -20° to +40°C. Necessary cable: CABLE 25M (not included).



#### G-650C

436 EUR GES 089 014 29

YAESU Antenna Rotator, without 25m cable

Antenna rotor for vertical load 100kg (max.300kg), rotation torque max.60Nm, braking torque max.500Nm, antenna wind loading area up to 2m2 (tower type) resp. 0.5m2 pole type with free end max.0.5m), antenna coefficient K=180, rotation range max.450°, rotation speed 63sec/360° (mechanical stopper), mast outside diameter 32-63mm, 360° scale, power supply 230VAC/0.25A, weight (dimensions): 3.5kg (Ø186x263mm) rotator plus 2.7kg (190x125x150mm) controller, operating temperature range (rotator) -20° to +40°C. Necessary cable: CABLE 25M (not included).



#### G-1000C

525 EUR GES 089 014 30

YAESU Antenna Rotator, without 25m cable

Antenna rotor for vertical load 200kg (max.800kg), rotation torque max.80Nm, braking torque max.600Nm, antenna wind loading area up to 2m2 (tower type) resp. 0.75m2 pole type with free end max.0.6m), antenna coefficient K=230, rotation range max.450°, rotation speed 55sec/360° (mechanical and electrical stopper), mast outside diameter 38-63mm, 360° scale, power supply 230VAC/0.4A, weight (dimensions): 3.5kg (Ø170x300mm) rotator plus 2.7kg (190x125x150mm) controller, operating temperature range (rotator) -20° to +40°C. Necessary cable: CABLE 25M (not included).



#### G-1000DXC

YAESU Antenna Rotator, speed control, RS-232 connector, without 25m cable Antenna rotor for vertical load 200kg (max.800kg), rotation torque 60-110Nm. braking torque max.600Nm, antenna wind loading area up to 2m2 (tower type) resp. 0.75m2 pole type with free end max.0.6m), antenna coefficient K=230, rotation range max.450°, variable rotation speed 40-100sec/360° (mechanical and electrical stopper), mast outside diameter 38-63mm, 360° scale, power supply 230VAC/0.5A, weight (dimensions); 3.6kg (⊘186x300mm) rotator plus 2.8kg (190x125x150mm) controller, operating temperature range (rotator) -20° to +40°C. Necessary cable: CABLE 25M (not included).



#### G2800DXC

1.086 EUR GES 089 014 32

YAESU Antenna Rotator, speed control, RS-232 connector, without 25m cable Antenna rotor for vertical load 300kg (max.1200kg), rotation torque 80-250Nm, braking torque max.2500Nm, antenna wind loading area up to 3m2 (tower type) resp. 1.0m2 pole type with free end max.0.8m), antenna coefficient K=950, rotation range max.450°, variable rotation speed 50-120sec/360° (mechanical and electrical stopper), mast outside diameter 48-63mm, 360° scale, power supply 230VAC/0.7A, weight (dimensions): 6.5kg (\$\infty\$200x345mm) rotator plus 3.8kg (200x130x193mm) controller, operating temperature range (rotator) -20° to +40°C. Necessary cable: CABLE 25M (not included).



393 EUR GES 089 014 27

YAESU Elevations-Antenna Rotator, without 25m cable

Antenna elevation rotator. Rotation torque max. 140Nm, stationary braking torque max 400Nm, rotation time 63sec/180°, boom diamater 32-43mm, mast diameter 38-63mm, power consumption 230VAC/30VA, weight (dimensions): 3.6kg rotator plus 1.7kg controller. Necessary cable: CABLE 25M (not included)





#### G-5500B

688 EUR GES 089 014 28

YAESU Azimuth and Elevations Antenna Rotator, without 25m cables Antenna Azimuth-Elevation Rotator and controller. Rotation torque: ELmax=140Nm and AZmax=60Nm, braking torque: ELmax=AZmax=400Nm, rotation time 63sec/180°EL and 58sec/360°AZ, boom diameter 32-43mm, mast diameter 38-63mm, voltage requirement 110-120VAC or 200-240VAC, motor voltage 24VAC, weight: 9kg rotator plus 3kg controller. Necessary cables: 2pcs CABLE 25M (not included)



#### CABLE 25M

60,70 EUR GES 089 014 38

YAESH Cable 25m for G450C.G650C.G1000C.G1000DXC.G2800DXC.-G550B,G5500B

With both connectors, ready for use.

#### CS-YAESU

20.30 EUR GES 089 014 40

YAESIJ Connector set G450C G650C G1000C G1000DXC G2800DXC -

Spare connectors set (1 pair) for YAESU rotators.

GS-232A

608 EUR GES 089 014 36

24,90 EUR GES 089 014 34

YAESU Interface GS232A for rotor G1000, G2800, G5500

FIF-232C

83,20 EUR GES 089 014 37

YAFSU CAT-system interface

GC-038

YAESU Mast Clamp for G450C, G650C, G1000C, G1000DXC

Mast Clamp (one pair). For rotator (bottom side) mount to the round mast (upper side)



#### GC-048

39.30 EUR GES 089 014 35

YAESU Mast Clamp for G-2800DXC

Mast Clamp (one pair). For rotator (bottom side) mount to the round mast (upper side)

S8100317

27 FUR GES 089 014 42

YAESU Spare Potentiometer for Rotator G550, G800, G1000, G2800

S8100439 YAESU Spare PCB with Components for Rotator G450, G650

91,90 EUR GES 089 014 43

GS-050 29,60 EUR GES 089 014 46

Thrust Bearing for mast up to Ø50mm





GS-065

46,70 EUR GES 089 014 47

Thrust Bearing for mast up to Ø65mm



#### GA-2500

56,90 EUR GES 089 014 44

Vibrations absorber for light and medium-weight antenna mast

Absorber GA-2500 compense rotator's swings and avoids rotator before damage. Absorber is mounted between rotator and rotator base. Absorber besides tension caused by not perpendicular mounting. Rugged upper plate is fixed to lower plate by rubber silent blocks. Plate material is galvanized steel. Both plates have necessary mounting holes for YAESU rotators.



#### GA-3000

98 EUR GES 089 014 45

Vibrations absorber for heavy-weight antenna mast

Absorber GA-3000 compense rotator's swings and avoids rotator before damage. Absorber is mounted between rotator and rotator base. Absorber besides tension caused by not perpendicular mounting. Rugged upper plate is fixed to lower plate by rubber silent blocks. Plate material is galvanized steel. Both plates have necessary mounting holes for YAESU rotators.



#### Coaxial Cables, Connectors, Jumpers

#### **H-Series Coaxial Cables**

H 155 0,85 EUR GES 130 141 20

Coaxial cable  $50\Omega, \varnothing 5, 4mm \, / \, 19x0, 28mm, \, sheath \, PVC$ 

TECHNICAL PARAMETERS (H 155):		
Impedance	50 ± 2Ω	
Nominal capacity	82pF/m	
Inner conductor resistance	max, 15Ω/km / 20°C	
Velocity of propagation	81%	
Inner conductor	Cu 19x0,28mm	
Dielectric	gas injected PE Ø 3,9mm	
Outer conductor	CuSn wire	
Coverage	95%	
Outer conductor diameter	4,5mm	
Sheath	PVC	
Outer diameter	5,4mm	
Operating temperature	-40°C - +80°C	
Storage temperature	-40°C - +80°C	
Weight	cca 38kg/km	

Attenuation (H 155)	
Frequence	
MHz	Attenuatin in dB/100m
10	3,0
50	6,5
100	9,3
230	14,2
300	16,3
400	19,0
470	20,7
860	28,5
1000	30,9
1350	36,4
1750	41,9
2050	45,8

#### H 1000

1,66 EUR GES 130 136 84

Coaxial cable  $50\Omega,$  Ø10,3mm / 2,62mm, sheath PVC



TECHNICAL PARAMETERS (H 1000):	
Impedance	50 ± 2Ω
Nominal capacity	80pF/m
Inner conductor resistance	max, 11Ω/km / 20°C
Velocity of propagation	83%
Inner conductor	Cu Ø2,62mm
Dielectric	gas injected PE Ø 7,15mm
Outer conductor	Cu wire
Coverage	50%
Outer conductor diameter	7,8mm
Sheath	PVC
Outer diameter	10,3mm
Minimum bending radius	100mm
Operating temperature	-40°C - +80°C
Storage temperature	-40°C - +80°C
Weight	cca 140kg/km

Attenuation (H 1000)	
Frequence MHz	Attenuatin in dB/100m
10	1,2
50	2,7
100	3,9
230	6,1
300	7,0
470	7,3
600	7,8
860	12
1000	13,5
1350	15,7
2000	20,2
3000	24,7

#### **RG-Series Coaxial Cables**

RG 174/U 0,41 EUR GES 067 007 06

Coaxial cable  $50\Omega$ ,  $\varnothing 0,48/7x0,16mm$ , PE,  $\varnothing 2,8mm$ , PVC

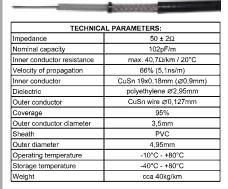
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TECHNICAL PARAMETERS:		
Impedance	50 ± 2Ω	
Nominal capacity	101pF/m	
Inner conductor resistance	max. 318,2Ω/km	
Velocity of propagation	66% (5,1ns/m)	
Inner conductor	CuSn 7x0,16mm (Ø0,48mm)	
Dielectric	PE Ø1,5mm	
Outer conductor	CuSn wire	
Coverage	87%	
Outer conductor diameter	2,0mm	
Sheath	PVC	
Outer diameter	2,8mm	
Operating temperature	-10°C - +75°C	
Storage temperature	-30°C - +75°C	
Weight	cca 14kg/km	

Attenuation (RG 174)		
Frequence	Attenuatin in dB/100m	
100MHz	30dB	
200MHz	45dB	
400MHz	62dB	
500MHz	73dB	
1000MHz	111dB	

#### RG 58C/U

0,49 EUR GES 067 006 96

Coaxial cable 50  $\Omega,$   $\varnothing 0,9/19x0,18mm,$  PE,  $\varnothing 4,95mm,$  PVC





Attenuation (RG 58)	
Frequence	Attenuatin in dB/100m
100MHz	16,1dB
145*MHz	17,8dB
200MHz	23,0dB
400MHz	33,0dB
432*MHz	33,2dB
500MHz	36,1dB
1000MHz	54,6dB
1296*MHz	64,5dB
1800MHz	82,0dB
2000MHz	87,5dB
2320*MHz	97,1dB
3000MHz	118,0dB
* amateur bands	

#### RG 58C/U Coil 100m 0,38 EUR GES 067 132 84

Coaxial cable  $50\Omega$ ,  $\varnothing 0,9/19x0,18mm$ , PE,  $\varnothing 4,95mm$ , PVC. Coil 100m.

3,133,133,5		
TECHNICAL PARAMETERS:		
Impedance	50 ± 2Ω	
Nominal capacity	102pF/m	
Inner conductor resistance	max. 40,7Ω/km / 20°C	
Velocity of propagation	66% (5,1ns/m)	
Inner conductor	CuSn 19x0,18mm (Ø0,9mm)	
Dielectric	polyethylene Ø2,95mm	
Outer conductor	CuSn wire Ø0,127mm	
Coverage	95%	
Outer conductor diameter	3,5mm	
Sheath	PVC	
Outer diameter	4,95mm	
Operating temperature	-10°C - +80°C	
Storage temperature	-40°C - +80°C	
Weight	cca 40kg/km	

Attenuation (RG 58)	
Frequence	Attenuatin in dB/100m
100MHz	16,1dB
145*MHz	17,8dB
200MHz	23,0dB
400MHz	33,0dB
432*MHz	33,2dB
500MHz	36,1dB
1000MHz	54,6dB
1296*MHz	64,5dB
1800MHz	82,0dB
2000MHz	87,5dB
2320*MHz	97,1dB
3000MHz	118,0dB
* amateur bands	

Coaxial cable, silver plated  $50\Omega, \varnothing 0,\!89\text{mm},$  PE,  $\overline{\varnothing}5,\!38\text{mm},$  PVC



TECHNICAL PARAMETERS:		
Impedance	75 ± 3Ω	
Nominal capacity	72,2pF/m	
Inner conductor resistance	max. 165,0Ω/km	
Velocity of propagation	66% (5,1ns/m)	
Inner conductor	Cu Ø0,58mm	
Dielectric	PEØ3,71mm	
Outer conductor	Cu wire Ø0,16mm	
Coverage	95%	
Outer conductor diameter	4,35mm	
Sheath	PVC	
Outer diameter	6,15mm	
Operating temperature	-10°C - +80°C	
Storage temperature	-40°C - +80°C	
Weight	cca 56kg/km	

Attenuation (RG 59)		
Frequence	Attenuatin in dB/100m	
100MHz	12dB	
200MHz	16dB	
400MHz	23dB	
500MHz	27dB	
1000MHz	38dB	

#### **RG 62A/U** 0,71 EUR GES 067 130 96

Coaxial cable 93  $\Omega,$   $\varnothing 0,\!6\text{mm},$  PE,  $\varnothing 6,\!15\text{mm},$  PVC

TECHNICAL PARAMETERS:	
Impedance	93 ± 5Ω
Nominal capacity	47,6pF/m
Inner conductor resistance	max. 144,0Ω/km
Velocity of propagation	83% (4,0ns/m)
Inner conductor	Cu Ø0,58mm
Turn	PE fibre Ø0,9mm
Dielectric	PE tube Ø3,7mm
Outer conductor	Cu wire Ø0,16mm
Coverage	96%
Outer conductor diameter	4,4mm
Sheath	PVC
Outer diameter	6,15mm
Operating temperature	-10°C - +80°C
Storage temperature	-40°C - +80°C
Weight	cca 56kg/km

Attenuation (RG 62)		
Frequence	Attenuatin in dB/100m	
100MHz	8,5dB	
200MHz	12dB	
400MHz	18dB	
500MHz	20dB	
1000MHz	29,5dB	

#### RG 213/U 1,42 EUR GES 067 007 07

Coaxial cable 50  $\Omega$ ,  $\varnothing$ 2,25/7x0,75, PE,  $\varnothing$ 10,3mm, PVC

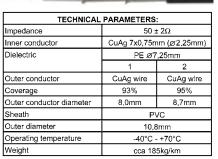


TECHNICAL PARAMETERS:		
Impedance	50 ± 2Ω	
Nominal capacity	101pF/m	
Inner conductor resistance	max. 5,6Ω/km	
Velocity of propagation	66% (5,1ns/m)	
Inner conductor	Cu 7x0,75mm (n 2,26mm)	
Dielectric	PE n 6,6mm	
Outer conductor	Cu wire	
Coverage	97%	
Outer conductor diameter	7,2mm	
Sheath	PVC	
Outer diameter	10,2mm	
Operating temperature	-40°C - +85°C	
Storage temperature	-40°C - +85°C	
Weight	cca 166kg/km	

4// (1 /0.040)		
Attenuation (RG 213)		
Frequence	Attenuatin in dB/100m	
100MHz	6,9dB	
145*MHz	8,5dB	
200MHz	9,8dB	
400MHz	15,7dB	
432*MHz	15,8dB	
500MHz	16,7dB	
1000MHz	25,7dB	
1296MHz	30,0dB	
1800MHz	37,0dB	
2000MHz	41,6dB	
2320*MHz	46,5dB	
3000MHz	58,5dB	
* amateur bands		

#### **RG 214/U** i 3,92 EUR GES 067 007 09

Coaxial cable, silver plated 50Ω, Ø2,2/7x0,75mm, PE, Ø10,8mm, PVC



Attenuation (RG 214)		
Frequence	Attenuatin in dB/100m	
100MHz	6,9dB	
200MHz	9,4dB	
400MHz	15dB	
700MHz	21dB	
1000MHz	25,7dB	
4000MHz	70dB	

#### **RG 214/U** i 2,98 EUR GES 067 133 69

Coaxial cable,silver plated 50  $\Omega$ ,  $\varnothing$ 2,2/7x0,75mm,PE, $\varnothing$ 10,8mm,PVC,coil 500m





TECHNICAL PARAMETERS:		
Impedance	50 ± 2Ω	
Inner conductor	CuAg 7x0,75mm (Ø2,25mm	
Dielectric	PE Ø7,25mm	
	1	2
Outer conductor	CuAg wire	CuAg wire
Coverage	93%	95%
Outer conductor diameter	8,0mm	8,7mm
Sheath	PVC	
Outer diameter	10,8mm	
Operating temperature	-40°C - +70°C	
Weight	cca 185kg/km	

Attenuation (RG 214)		
Frequence	Attenuatin in dB/100m	
100MHz	6,9dB	
200MHz	9,4dB	
400MHz	15dB	
700MHz	21dB	
1000MHz	25,7dB	
4000MHz	70dB	

#### Coaxial cables with PE dielectric

AIRCELL 7 i 2,07 EUR GES 067 007 12

Coaxial cable 50Ω, 19x0,37mm, Ø7,3mm PVC



TECHNICAL PARAMETERS:		
Impedance	50 ± 2Ω	
Capacity	74pF/m	
Velocity factor	0,83	
Inner conductor	Cu 19x0,37mm (ø1,85mm)	
Dielectric	PE Ø 5,0mm	
Outer conductor	Cu wire + foil	
Coverage	100%	
Outer conductor diameter	5,75mm	
Sheath	PVC	
Outer diameter	7,3mm	
Bending radius	25mm	
Operating temperature	-30°C - +80°C	
Weight	cca 72kg/km	
Max. power handling	10MHz - 2960W	
	100MHz - 850W	
	1000MHz - 190W	

Attenuation (AIRCELL 7)		
Frequence	Attenuatin in dB/100m	
100MHz	6,6dB	
145*MHz	7,9dB	
432*MHz	14,1dB	
500MHz	15,5dB	
1000MHz	22,5dB	
1296*MHz	26,1dB	
1800MHz	31,9dB	
2000MHz	33,8dB	
2320*MHz	37,9dB	
3000MHz	43,8dB	
* amateur bands		

Coaxial cable 50Ω, 7x1	,0mm, Ø10,2mr	m PVC	
			100
		-	
	500		
20			

2,94 EUR GES 067 007 13

**ECOFLEX 10** 

TECHNICAL PARAMETERS:		
Impedance	50 ± 2Ω	
Capacity	77pF/m	
Velocity factor	0,86	
RF peak voltage	max. 1kV	
Inner conductor	Cu 7x1,0mm (Ø2,7mm)	
Dielectric	LLC PE Ø 7,25mm	
Outer conductor	Cu wire + foil	
Coverage	100%	
Sheath	PVC	
Outer diameter	10,2mm	
Bending radius	44mm	
Operating temperature	-40°C - +85°C	
Weight	cca 131kg/km	
Max. power handling	10MHz - 3900W	
	100MHz - 1200W	
	1000MHz - 350W	

Attenuation (ECOFLEX 10)		
Frequence	Attenuatin in dB/100m	
100MHz	4,0dB	
145*MHz	4,8dB	
432*MHz	8,9dB	
800MHz	12,5dB	
1000MHz	14,2dB	
1296*MHz	16,5dB	
1500MHz	17,9dB	
2000MHz	21,2dB	
2320*MHz	23,1dB	
3000MHz	27,0dB	
4000MHz	32,2dB	
* amateur bands		

#### Coaxial cables with dielectric with air chambers

AIRCOM PLUSI

3,15 EUR GES 067 007 20

Coaxial cable  $50\Omega$ ,  $\varnothing 2,7mm$ ,  $\varnothing 10,8mm$ , PVC



TECHNICAL PARAMETERS:		
Impedance	50 ± 2Ω	
Capacity	84pF/m	
Velocity factor	0,85	
RF peak voltage	max. 5kV	
Inner conductor	Cu Ø 2,7mm	
Dielectric	PEØ7,2mm	
Outer conductor	Cu wire + foil	
Coverage	100%	
Outer conductor diameter	7,9mm	
Sheath	PVC	
Outer diameter	10,8mm	
Bending radius	55mm	
Operating temperature	-40°C - +80°C	
Weight	cca 150kg/km	
Max. power handling	10MHz - 5500W	
	100MHz - 1275W	
	1000MHz - 280W	

Attenuation (AIRCOM PLUS)		
Frequence	Attenuatin in dB/100m	
100MHz	3,3dB	
145*MHz	4,5dB	
432*MHz	8,2dB	
500MHz	9,1dB	
1000MHz	12,5dB	
1296*MHz	15,2dB	
1800MHz	18,6dB	
2000MHz	19,7dB	
2320*MHz	21,5dB	
3000MHz	25,0dB	
5000MHz	34,1dB	
* amateur bands		

RLA 10 1,96 EUR GES 067 132 48

Coaxial cable 50Ω, Ø2,7mm, Ø10,8mm, PVC Replacement for coaxial cable AIRCOM+.





TECHNICAL PARAMETERS:	
Impedance	50 ± 2Ω
Capacity	84pF/m
Velocity factor	0,85
RF peak voltage	max. 5kV
Inner conductor	Cu Ø 2,7mm
Dielectric	PEØ7,2mm
Outer conductor	Cu wire + foil
Coverage	100%
Outer conductor diameter	7,9mm
Sheath	PVC
Outer diameter	10,8mm
Bending radius	55mm
Operating temperature	-40°C - +80°C
Weight	cca 150kg/km
Max. power handling	10MHz - 5500W
	100MHz - 1275W
	1000MHz - 280W

# Jumpers with UHF (PL) Connectors and RG213/U $50\Omega$ cable

 JUMPER 214 NM-NM 1.0m
 17,40 EUR GES 067 134 12

 Jumper cable RG214/U(50Ω), 2pcs N(male) connector, lenght 1.0m

**JUMPER 213 PL259-PL259 1:0m0 EUR** GES 067 133 87 Jumper cable RG213/U( $50\Omega$ ), 2pcs PL259 connector w.PTFE; lenght 1.0m

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**JUMPER 213 PL259-PL259 215 m** EUR GES 067 133 88 Jumper cable RG213/U(50Ω), 2pcs PL259 connector w.PTFE; lenght 2.5m

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JUMPER 213 PL259-PL259 510 m EUR GES 067 133 89 Jumper cable RG213/U(50Ω), 2pcs PL259 connector w.PTFE; lenght 5,0m

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#### Over-Voltage Protectors

# Over-voltage protectors (lightning arresters) for microwave

#### SPKO-N-B

32,20 EUR GES 079 005 10

Broadband coaxial lightning arrester 10MHz-3.5GHz/2.5kA, Ni/Ni Universal broadband coaxial overvoltage protection, type SPKO-N-050-3,5G-B is coarse overvoltage protection class B, where 050 is maximum allowed thorough transmitting power, that is applicable for band from 10kHz - 3,5GHz, protection funkction from IEC6f312-1.



#### SPKO-N-B-350

32,20 EUR GES 079 006 26

Broadband coaxial lightning arrester 10MHz-3.5GHz/2.5kA, Ni/Ni 350W Universal broadband coaxial overvoltage protection, type SPKO-N-350-3,5G-B is coarse overvoltage protection class B, where 350 is maximum allowed thorough transmitting power, that is applicable for band from 10kHz - 3,5GHz, protection funkction from IEC6f312-1.



#### SPKO-N-B-950

32,20 EUR GES 079 006 30

Broadband coaxial lightning arrester 10MHz-3.5GHz/2.5kA, Nf/Nf 950W Universal broadband coaxial overvoltage protection, type SPKO-N-950-3.5G-B is coarse overvoltage protection class B, where 950 is maximum allowed thorough transmitting power, that is applicable for band from 10kHz - 3.5GHz, protection funkction from IEC6f312-1.



#### PKOPT-N-LAMBDA-2,4

32,20 EUR GES 079 005 12

Waveband coaxial lightning arrester, 2.4GHz, Nf/Nm

Waveband coaxial lightning arrester with quarter-wave shortening end, intended for protection of antenna systems and sensitive receivers / transmitters in 2,4 GHz band with connection of coaxial connectors type N (Nm/Nf). We can supply for 3,5 GHz band too.



# Over-voltage protectors (lightning arresters)

SPKO-B-B

13,30 EUR GES 079 005 13

Broadband coaxial aerial discharge 0-950MHz/2.5kA, BNCt/BNCt Broadband coaxial overvoltage protection with gas lightning arrester for protection of TV antennas, amplifiers and distributions of TV signals (50-950 MHz) with interface coaxial connector type BNC.



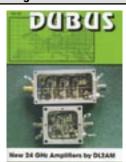
#### SPKO-F-B

13.30 EUR GES 079 005 14

Broadband coaxial aerial discharge 0-2050MHz/2.5kA, FI/FI Broadband coaxial overvoltage protection with gas lightning arrester for SAT-TV protection (950-2050 MHz) with interface coaxial connector type F.



# Ham-Radio Journals, Literature DUBUS magazine



UBUS 2007

24,20 EUR GES 083 031 61

Magazine for UHF-DXman (50MHz-241GHz), subscription-4 issues (year)

#### **FUNKAMATEUR** magazine



FUNKAMATEUR 2007

35.70 EUR GES 083 030 79

Magazine FUNKAMATEUR, subscription-12 issues (year)



#### **UKW BERICHTE magazine**



**UKW BERICHTE 2007** 

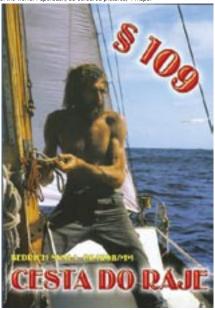
25 EUR GES 083 031 66

Magazine about VHF-UHF-SHF technics, subscription-4 issues (year)

#### **Books with Ham Radio themes**

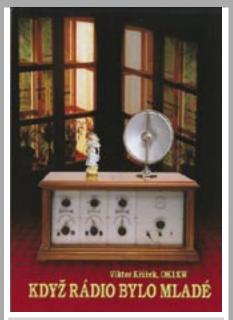
#### 109 ANEB CESTA DO RAJE 5,36 EUR GES 083 030 34

Known radio amateur tells his experience in the world tour, 180 pages Known adventurer and radio amateur tells his experience in Eden and novel commentaries with easiness and sincerity. If you think that Paragraph 109 of communistic penal law (illegal emigration) did not allow to Bedrich, today OK4H0B/MM, to round the globe on own handmade built boat, you make a mistake. If you want, everything is possible without only good word to all regimes of the world. Paperback. 35 coloured pictures. 4 maps.



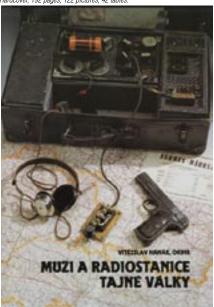
#### KDYZ RADIO BYLO MLADE 9,29 EUR GES 083 030 31

The book for all interested person in history of radios, 216 pages
The interest in history and old radios is not only a nostalgia. It is many fanatics
that obtain, correct and maintain subjects of their admiration with extraordinary
patience. This book will be for you the unique quide in the history of radio. It
transfers you to the fascinating time, when the radio was not only very young
but also mysterious and beautiful to the beginnings of its birth. Remember to
your grandfather when they sit during evenings at radios in dark room. And
look at the attic, you possibly have a beautiful one at home too. Rich picture
documentation. Hardcover, 222 picture, 13 tables.



#### MUZI A RADIOSTANICE TAJ. VALVEVIR GES 083 030 33

Radio operation of illegal radio stations from the Wold War Two
The author met with almost all still living war paratroopers and with historians
that deal with the activity of paratroopers. Several known episodes are in this
book that quide radio operation of illegal radio stations from World War Two and
near impressive and incredibly unsearchable destiny of some his participants.
Hardcover, 192 pages, 122 pictures, 42 tables.



#### ROTHAMMELS ANTENNEN BID, CHEUR GES 083 030 32

The most extensive piece from the field of antenna technics(in German) Perhaps the best known and the most extensive piece from the field of antenna technics. The book, today it is already a classic by Karl Rothammel, DM2ABK, in principle modernized and completed by Alois Krischk, DJ0TR, is edited in twelve edition in German and must not miss in any bookcase of an active radio amateur. Thanks to its graphical content, man can easily understand it without the knowledge of German. The book contributes to the improvement of antenna farm of an experienced DXman or a young radio amateur, that prefers chatting with friends at local transmitter. German publisher DARC. The book contains amount of theory and rich experience. Hardcover, 1000 pages, 1257 objective pictures and 135 tables.

