Multicouplers

MC-16



The MC-16 is a sixteen port 50 ohm amplified multicoupler that incorporates an RF Limiter to protect the internal circuitry and all output connected devices from high input surges. The MC-16 is designed to maintain the input signal level across all output ports. The MC-16 comes with a BNC input connector standard. N or SO-239 input connectors are also available upon request. The MC-16 comes in two models, VHF/UHF model and HF model. Custom bandpass filters can be ordered upon request All unused outputs should be terminated using a 50 ohm terminator. Please specify options when ordering.

Impedance:	50 Ohms
Frequency Range:	20MHz – 1GHz
Frequency Range HF Model:	.500kHz – 50MHz
Noise Figure:	3.2dB
Port Isolation:	24 dB +/-
Port Gain:	+2dB Max
Case:	Diecast Aluminum Alloy
Input Connectors:	BNC, N or SO-239
Output Connectors:	BNC

MC-16 with BNC Input: $485

MC-16 with N or SO-239 Input: $495

RFI/EMI Power Feedthrough: Add $20

Power Supply 12VDC: Add $10

Inquiries and purchases contact: kd2c56@gmail.com

Multicouplers

MC-8



The MC-8 is an eight port 50 ohm amplified multicoupler that incorporates an aluminum alloy case The MC-8 is designed to maintain the input signal level across all output ports. The MC-8 comes with a BNC input connector standard. N or SO-239 input connectors are also available upon request. The MC-8 comes in two models, VHF/UHF model and HF model. Custom bandpass filters can be ordered upon request All unused outputs should be terminated using a 50 ohm terminator. Please specify options when ordering.

(*Internal RF Limiter can be added at a later date if desired*)

Impedance:	50 Ohms
Frequency Range:	20MHz – 1GHz
Frequency Range HF Model:	.500kHz – 50MHz
Noise Figure:	3.2dB
Port Isolation:	24 dB +/-
Port Gain:	+2dB Max
Case:	Diecast Aluminum Alloy
Input Connectors:	BNC, N or SO-239
Output Connectors:	BNC

MC-8 with BNC Input: $195

MC-8 with N or SO-239 Input: $205

RFI/EMI Power Feedthrough: Add $20

Power Supply 12VDC: Add $10

Internal RF Limiter: Add $35

Inquiries and purchases contact: kd2c56@gmail.com

Multicouplers

MC-4



The MC-4 is a four port 50 ohm amplified multicoupler that incorporates an aluminum alloy case The MC-4 is designed to maintain the input signal level across all output ports. The MC-4 comes with a BNC input connector standard. N or SO-239 input connectors are also available upon request. The MC-4 comes in two models, VHF/UHF model and HF model. Custom bandpass filters can be ordered upon request All unused outputs should be terminated using a 50 ohm terminator. Please specify options when ordering.

(*Internal RF Limiter can be added at a later date if desired*)

Impedance:	50 Ohms
Frequency Range:	20MHz – 1GHz
Frequency Range HF Model:	.500kHz – 50MHz
Noise Figure:	3.2dB
Port Isolation:	24 dB +/-
Port Gain:	+3dB Max
Case:	Diecast Aluminum Alloy
Input Connectors:	BNC, N or SO-239
Output Connectors:	BNC

MC-4 with BNC Input: $115

MC-4 with N or SO-239 Input: $125

RFI/EMI Power Feedthrough: Add $20

Power Supply 12VDC: Add $10

Internal RF Limiter: Add $35

Inquiries and purchases contact: kd2c56@gmail.com

Multicouplers

MC-2



The MC-2 is a two port 50 ohm amplified multicoupler that incorporates an aluminum alloy case The MC-2 is designed to maintain the input signal level across all output ports. The MC-2 comes with a BNC input connector standard. N or SO-230 input connectors are also available upon request. The MC-2 comes in two models, VHF/UHF model and HF model. Custom bandpass filters can be ordered upon request All unused outputs should be terminated using a 50 ohm terminator. Please specify options when ordering.

Impedance:	50 Ohms
Frequency Range:	20MHz – 1GHz
Frequency Range HF Model:	.500kHz – 50MHz
Noise Figure:	3.2dB
Port Isolation:	24 dB +/-
Port Gain:	+3dB Max
Case:	Diecast Aluminum Alloy
Input Connectors:	BNC, N or SO-239
Output Connectors:	BNC

MC-2 with BNC Input: $85

MC-2 with N or SO-239 Input: $95

RFI/EMI Power Feedthrough: Add $20

Power Supply 12VDC: Add $10

Internal RF Limiter: Add $35

Inquiries and purchases contact: kd2c56@gmail.com

Pre-Amplifier

PA – 20



The PA-20 is a 50 ohm 20dB VHF/UHF low noise pre-amplifier that incorporates an aluminum alloy case with a built in RF Limiter to protect the internal circuitry and all output connected devices from high input surges. The PA-20 amplifies RF signals from 30MHz -1GHz. Custom bandpass filters can be ordered upon request. The PA-20 can be placed at or near the antenna or at the end of the antenna feed line. Power can be provided remotely using the BT-1 Bias-T. The PA-20 will automatically go into by-pass mode if supply power is lost. Please specify options when ordering.

Impedance:	50 Ohms
Frequency Range:	30MHz – 1GHz
Noise Figure:	3.3dB
RF Gain:	20 dB +/-
Case:	Diecas24 dB +/-t Aluminum Alloy
Input Connector:	BNC, N or SO-239
Output Connectors:	BNC, N or SO-239

PA-20 with BNC Input/Output: $105

PA-20 with N Input/Output: $125

RFI/EMI Power Feedthrough: Add $20

Power Supply 12VDC: Add $10

Inquiries and purchases contact: kd2c56@gmail.com

Splitters / Combiners

SC – 4



The SC-4 is a passive 50 ohm four port splitter / combiner that incorporates an aluminum alloy case and BNC port connectors.

Impedance:	50 Ohms
Frequency Range:	500 kHz – 1GHz
Phase:	0 degrees
Insertion Loss per Port:	6 dB
Case:	Diecast Aluminum Alloy
Input Connector:	BNC
Output Connectors:	BNC

SC-4 with BNC Input/Output: $68

Inquiries and purchases contact: kd2c56@gmail.com

Splitters / Combiners

SC – 2



The SC-2 is a passive 50 Ohm two port splitter / combiner that incorporates an aluminum alloy case and BNC port connectors.

Impedance:	50 Ohms
Frequency Range:	500 kHz – 1GHz
Phase:	0 degrees
Insertion Loss per Port:	3 dB
Case:	Diecast Aluminum Alloy
Input Connector:	BNC
Output Connectors:	BNC

SC-2 with BNC Input/Output: $48

Inquiries and purchases contact: kd2c56@gmail.com

Accessories

BT – 1 & BT - 2



The BT-1 is a Bias T designed to power remote devices via the antenna feedline. The BT-1 incorporates an aluminum alloy case and BNC port connectors. The BT-1 is ideal for powering the PA-20 Pre-Amp or any device requiring 12VDC when located at or near the antenna.

The BT-2 is a Bias T designed to power remote devices via the antenna feedline. The BT-2 incorporates an aluminum alloy case and BNC or SMA port connectors. The BT-2 is ideal for powering preamps for SDR's that require a 5VDC supply when located at or near the antenna.

BT-1 or BT-2 with BNC or SMA Input/Output: $45

BT-1 or BT-2 with N Input/Output: $65

RFI/EMI Power Feedthrough: Add $20

Power Supply 12VDC: Add $10

Power Supply 5VDC: Add $10

Inquiries and purchases contact: kd2c56@gmail.com

RFL – 3



The RFL-3 is an RF limiter designed to prevent high RF signal levels from damaging the input of your SDR receiver. The RFL-3 incorporates "No Arc" 1kV components and a special circuit designed to reduce RF signals levels as high as +32dBm and limit them to 9dBm and below.The RFL-3 is also designed to eliminate static buildup on your antenna.

RFL -3 with BNC or SMA Input/Output: $70

RFL - 3 with N Input/Output: $90

50 OHM Terminators



$1.25 each

Inquiries and purchases contact: kd2c56@gmail.com