

20/04/2024

FILTERING PRODUCTS



2nd-Harmonic Filters

2nd Harmonic Filter options for VHF Low-Band 50-88 MHz, VHF High-Band 138-174 MHz, VHF Trunk 250-272 MHz, UHF TETRA, Trunk, and Telemetry 380-470 MHz.

Part-Number: HF088 HF150 HF250 HF400

Band Selector: 511 510

Additional Band Option: 527 517 1958 513 1970 512

Frequency: 1966 812 827 803 2008 832

Frequency Band: 590 609 532 2060

Input Power: 2061

Insertion Loss: 2074 2073

SKU: AFE

R1,690.50 -

R2,058.50

Incl VAT



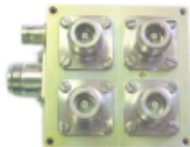
4-Way Receiver Multicouplers

The RMC can either be a 4/8/12/16-way Receiver Multicoupler. Each Receiver is equipped with a Combo-Amp Splitter. Designed to couple two or more Receivers into a single Antenna. The unit is used with a Pre-Selector to pass the required Band. 19" Rack compatible, 2U high.

Part-Number: N/A

SKU: RMC 4-WAY

POA



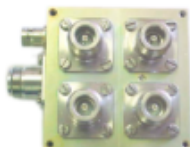
4 Way Splitter Combo c/w Amplifier DC-500MHz

4-way Splitter Combo is a device used to multi-couple several Receivers into a single Antenna. It consists of the 4 way Splitters and a linear Amplifier. It is a device with a good VSWR and a high port-to-port Isolation. A 12-Volt DC power supply is required to drive the Linear Amplifier.

Part-Number: DJ4WSPC

SKU: D10AA0530A

POA



4 Way Splitter DC-500MHz

4-way Splitter multi-couples several Receivers into a single Antenna.

Part-Number: DJ4WSP

SKU: D10AA0529A

POA



8-Way Receiver Multicouplers

POA

The RMC can either be a 4/8/12/16-Way Receiver Multicoupler. Each Receiver is equipped with a Combo-Amp Splitter. Designed to couple two or more Receivers into a single Antenna. The unit is used with a Pre-Selector to pass the required Band. 19" Rack compatible, 2U high.

Part-Number: N/A

SKU: RMC 8-WAY



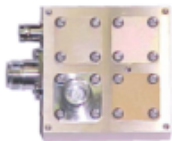
8 Way Splitter Combo c/w Amplifier DC-500MHz

POA

The 8-way Splitter Combo is used to multi-couple several receivers into a single Antenna. Consists of 8 way Splitters and a Linear Amplifier. Good VSWR and a high port-to-port isolation. 12-volt DC Power Supply is required to drive the Linear Amplifier.

Part-Number: DJ8WSPC

SKU: D10AA0531A



Amplifier Adjustable Gain Low Noise

POA

Variable Low-Noise Amplifier. The device is a Low Noise RF Amplifier with a variable Gain of 5 dB to 15 dB. A DC Voltage of 11 V to 18 V is required to excite the unit.

Part-Number: DJLNA

SKU: D10AA0551A



Band-Pass Filter BPF150-3AC

POA

Band-Pass Filter BPF150-3AC

Part-Number: BPF150-3AC

Band Selector: 510

Additional Band Option: 513

Frequency: 857

Bandwidth: 2068

Input Power: 1682

Insertion Loss: 2072

VSWR: 2064

Impedance: 2095

Termination: 2054

SKU: D10AA0064A



Band-Pass Filter BPF400-3

POA

Bandpass Filter BPF400-3

Part-Number: DJBPF4003

Band Selector: 511

Additional Band Option: 527 517 1958

Frequency: 812 827 803

Frequency Band: 532

Bandwidth: 2069

Input Power: 2062

Insertion Loss: 2072

VSWR: 2064

Impedance: 2095

Termination: 2054

SKU: D10AA0011A



Band-Reject DLP150 VHF Duplexers Low Pass

R6,946.00 -

R11,040.00

Incl VAT

Duplexer DLP150/6 138-174 MHz: 19-inch tray rack-mount or freestanding options.

Part-Number: DLP150/6 DLP150/6TRAY

Band Selector: 510

Additional Band Option: 513

Frequency: 857

Frequency Band: 601

Frequency Spacing: 2106

Input Power: 1682

Insertion Loss: 2072

Isolation: 2115

VSWR: 2064

Impedance: 2095

Termination: 2054

Finish: 2118 2119

SKU: DLP150



Band-Pass Duplexer BPD400/12

POA

Bandpass Duplexer BPD400/12

Part-Number: DJBPD40012

Band Selector: 511

Additional Band Option: 527 517 1958

Frequency: 812 827 803

Frequency Band: 532

Frequency Spacing: 2103

Input Power: 1683

Insertion Loss: 2082

Isolation: 2114

VSWR: 2064

Impedance: 2095

Termination: 2054

SKU: D10AA0488A



Dual Stage RF Circulators

R17,698.50

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R24,725.00

Incl VAT

Circulators Double Stage DS Series Circulators are manufactured on demand. For different frequency options, please [contact us](#).

Part-Number: CD122 CD150 CD400

Band Selector: 511 510

Additional Band Option: 527 517 1958 1414 513 512 1977

Frequency: 2009 857 1966 812 827 803 2011

Frequency Band: 608 590 609 610

Input Power: 2061

Insertion Loss: 2079

Isolation: 2111

VSWR: 2066

Impedance: 2095

Termination: 2054

SKU: CDs



Dummy Load 1 W 50 Ohm N-Male

POA

This 1 W Coaxial Load Resistor provides a stable 50 Ohm termination and an extremely low VSWR. It is designed to provide 50 Ohm (Ω) to open receiver ports. NB: Dummy Loads are required for unused Ports on a Receiver Multi Coupler (RMC).

Part-Number: DJDL150N

SKU: D10AA0101A



Dummy Load 125 W 50 Ohm

POA

This 125 W coaxial load resistor provides a stable 50 Ohm termination and an extremely low VSWR required by Circulators and Hybrids. It is designed to absorb Reflected Power when used in conjunction with Isolators. NB: Dummy Loads are required for unused Ports on a Receiver Multi Coupler (RMC).

Part-Number: DJALE125

SKU: D10AA0084A



Dummy Load 15 W 50 Ohm N-Male

POA

This Coaxial Load Resistor provides a stable 50 Ohm N Male Termination and an extremely low VSWR required by communication systems. The Load is designed to improve the isolation when used to terminate one Port of the Hybrid Coupler. NB: Dummy Loads are required for unused Ports on a Receiver Multi Coupler (RMC).

Part-Number: DJALE015

SKU: D10AA0343A



Dummy Load 30 W 50 Ohm

POA

This 30 W coaxial load resistor provides a stable 50 Ohm termination and an extremely low VSWR required by Circulators and Hybrids.. It is designed to absorb Reflected Power when used in conjunction with Isolators. NB: Dummy Loads are required for unused Ports on a Receiver Multi Coupler (RMC).

Part-Number: DJDL5030

SKU: D10AA0258A



Dummy Load 50 W 50 Ohm

R3,050.00
Incl VAT

This 50 W Coaxial Load Resistor provides a stable 50 Ohm termination and an extremely low VSWR required by Circulators and Hybrids. It is designed to absorb reflected Power when used in conjunction with Isolators. NB: Dummy Loads are required for unused Ports on a Receiver Multi Coupler (RMC).

Part-Number: DJCL6050

SKU: D10AA0080A



Duplexer 380-470MHz UHF DU400/6

POA

The DU 400/6 is a 6 resonator filter utilizing full length quarter-wave cavities and is designed to combine both receive and transmit frequencies into a single antenna. The DU 400/6 can be tuned within the 380 to 470 MHz range with a spacing of 10 MHz. The duplexer is compact and thereby minimizes space requirements.

Part-Number: DJDU4006

SKU: D10AA0003A



Duplexer 66 — 88 MHz 40 W BNC Female

R6,170.00
Incl VAT

Duplexer 66 - 88 MHz 40W BNC Female

Part-Number: DJDM666
Band Selector: 510
Additional Band Option: 512
Frequency: 832
Frequency Band: 591
Frequency Spacing: 2104
Input Power: 2062
Insertion Loss: 2072
Isolation: 2115
VSWR: 2065
Impedance: 2095
Termination: 2116
SKU: D10AA0030A



Duplexer DH138/6 138-174 MHz

R6,150.00
Incl VAT

Duplexer DH138/6 138-174 MHz

Part-Number: DJDH1386
Band Selector: 510
Additional Band Option: 513
Frequency: 857
Frequency Spacing: 2105
Input Power: 2062
Insertion Loss: 2072
Isolation: 2115
VSWR: 2065
Impedance: 2095
Termination: 2116
SKU: D10AA0027A



High Band-Pass Filter HBP400/6 380-400MHz

POA

The HBP400/6 is a 6 Resonator Filter utilizing full length Quarter-Wave Cavities designed to pass higher band and reject lower band of Frequencies. The filter can be tuned within the 380 to 470 MHz range with a spacing of 5 to 10 MHz and an isolation of above 70 dB

Part-Number: DJHBP4006

Band Selector: 511

Additional Band Option: 517

Frequency: 812

Bandwidth: 2071

Input Power: 2062

Insertion Loss: 2085

VSWR: 2065

Impedance: 2095

Termination: 2054

SKU: D10AA0553A



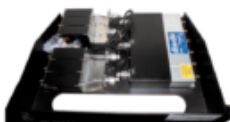
Load Terminations 75 W 50 Ohm

POA

These 75 W Coaxial Load Resistors provide a stable 50 Ohm Terminations and extremely low VSWR required by Circulators and Hybrids. They are designed to absorb reflected power when used in conjunction with Isolators. NB: Dummy Loads are required for unused Ports on a Receiver Multi Coupler (RMC).

Part-Number: N/A

SKU: ALE075



Rackmount Band-Pass DF160 Duplexer Filters

POA

Rackmount Duplexer Filters (DF) are Pass-Reject Duplexers which offers close spacing across the various Frequency Bands with minimal loss. DF160-V1 has a Band Pass Filter on both TX and RX. DF160-V2 has a Band Pass Filter on the RX only. The Duplexers are rack mountable and occupy 2U rack spaces. These devices can handle intermittent on continuous RF Power of up to 100 Watt.

Variation: V1 V2

SKU: DF160



Rackmount Band-Reject 6-Port DBR160 Duplexer

POA

The DBR160/6 is a Six Cavity Band Reject Duplexer providing minimum isolation of 85 dB between Receive and Transmit Ports. The Helical Resonators of the Duplexer are Silver-Plated to better the Insertion Loss in all paths. The Duplexer Spacing is adjustable between 3 and 15 MHz with a single device. The device has a Power Rating of 100 Watt continuous. The Filter is compact and thereby minimizes space requirements.

Mounting: Single Rack-mounted

SKU: DBR160/6



Rackmount Band-Reject DHP400 Duplexers

POA

DHP 400/6 Band Reject Duplexers have six (6) full length quarter-wave resonator filter cavities and are designed to combine reception and transmittal of Frequencies into single Antennas. Can be tuned between 380 MHz to 470 MHz frequency range at a spacing of 5 to 10 MHz. Can handle RF Power of up to 100 Watt. Compact and require minimal mounting space.

Part-Number: N/A

SKU: DHP400



Single Stage RF Circulators

R11,845.00

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R11,845.00

Incl VAT

Circulators Single Stage CS Series Circulators are manufactured on demand. For other frequency options, please [contact us](#).

Part-Number: CS150 CS400

Band Selector: 511 510

Additional Band Option: 527 517 1958 1414 513

Frequency: 857 812 827 803 2011

Frequency Band: 608 590 610

Insertion Loss: 2079

Isolation: 2111

VSWR: 2066

Input Power: 2061

Impedance: 2095

Termination: 2054

SKU: CSs



DHP150/6 Band-Reject Duplexers

R9,142.50 -

R13,409.00

Incl VAT

Band-Reject Duplexers made to order

Part-Number: DJDHP1506

Band Selector: 510

Finish: 2118 2119

SKU: A00050_01