



Active receiver multicoupler for VHF and UHF bands (100MHz to 500MHz) in several sub bands.

Complete system in a 1U 19" rack (2, 4, 8 Channels) and 2U 19" rack (16 Channels).

High dynamic range amplifier with very low Noise Figure of less than 2dB.

High isolation of over 20dB between receiver output ports.

Low RF output power output imbalance between output ports.

Strong RF input capability.

100-240V AC mains input and 12-24V DC input.

Automatic change over from AC to DC power and vice versa in case of either power input failure.

Separately fused AC power and front panel mounted amplifier DC power.

Amplifier power "On" LED on front panel for easy checking.

"N" type input and output connectors, other types optional on request.

Blue acrylic painted front panel with anodized aluminum casing.

Passive narrow and wide "Band Pass" and "Band Reject" filters are available on request to eliminate off frequency

high power transmissions and interference.

Order Designation

Channel	Order Part Number
2 Channel	MMC2
4 Channel	MMC4
8 Channel	MMC8
16 Channel	MMC16

Specifications	
Frequency Range	100-500MHz (optionally extendable to 950MHz)
Amplifier Noise Figure	<2dB
Number of Channels	2 / 4 / 8 / 16
Insertion Loss or Nominal Gain (At all outputs)	0 to 3dB (Factory adjustable at order)
Isolation Output to Output	>20dB
Nominal Impedance	50 Ohms
Input SWR	<1.5dB
Output SWR	<1.5dB
Mains Supply Voltage	100-240V AC
DC Supply Voltage	12-24V DC
RF Connectors	Standard; Female N-Type (others available)
Mounting	19" Rack 1U height (2U for 16ch)
Weight (approx.)	Between 2.3 to 3.7kg depending on number of channels
Temperature Range	Between -30° and +60°C
Max Humidity	90% @ 30°C
3 rd order intercept point	Better than 33dBm

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