

**2/4/8/12/16 CHANNEL RECEIVE
MULTICOUPLER
MMC 2/4/8/12/16**



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 (12 and 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. 100-240VAC mains input and 12/24VDC 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.

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)	0-3dB (Factory adjustable at order)
Isolation Output to Output	>20dB
Nominal Impedance	50 Ohms
Input SWR	<1.5dB
Output SWR	<1.5dB
Mains Supply Voltage	100-240VAC
DC Supply Voltage	12 V DC or 24V DC (optional at order)
RF Connectors	Standard; Female N-Type (others available)
Mounting	19" 1U (16 Ch. 2U) Rack
Weight (approx.) 2/4/8/12/16 Ch.	2.2kg, 2.5kg, 3.1kg, 4.2kg, 5.1kg
Temperature Range	-15°+60°C
Max Humidity	90% @ 30°C
3rd order intercept point	Better than 33dBm

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