



*Picture for illustration purposes only.

Active receiver multicoupler for VHF band (136MHz to 174MHz) in two sub bands.

Order designation: 136-160MHz: MMC8 VRG BPF1

156-174MHz: MMC8 VRG BPF2

Front panel user adjustable insertion loss or nominal gain between -1dB to +4dB.

Passive Band Pass filter designed to pass 2 to 5MHz bandwidth with 2dB pass loss.

Compact system design in a 1.5U 19" rack.

High dynamic range amplifier with very low Noise Figure of less than 3dB.

High isolation of over 20dB between receiver output ports.

Low RF output power imbalance between ports.

Strong RF input capability.

100-240V AC mains input and 12V DC input (optional 24V DC input available)

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 DC fuse.

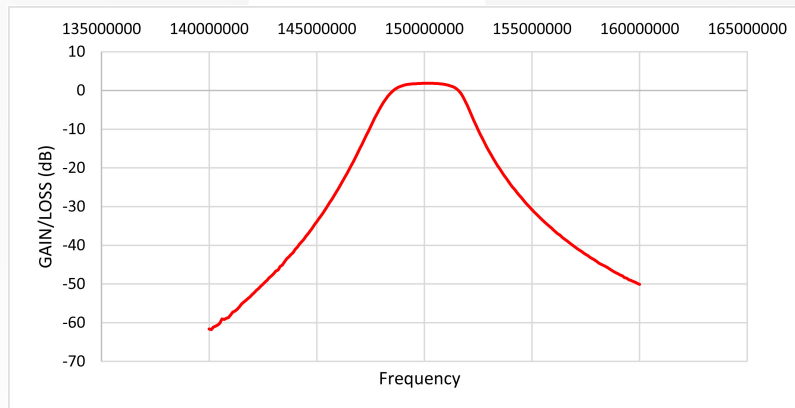
Amplifier power "On" LED on front panel for easy status check.

N-Type input and output connectors, other types available on request.

Mavitek blue or customer RAL code electrostatic powder painted front panel with anodized aluminum casing.

Specifications

Frequency Range	136-160MHz or 156-174MHz
Amplifier Noise Figure	<3dB
Number of Channels	8
Insertion Loss or Nominal Gain (At all outputs)	-1dB to +4dB user adjustable
Isolation Output to Output	>20dB
Nominal Impedance	50 Ohms
Input SWR	<1.5:1
Output SWR	<1.5:1
Mains Supply Voltage	100-240V AC
DC Supply Voltage	12V DC or 24V DC(optional)
RF Connectors	Standard; Female N-Type (Others available optinonally)
Mounting	19" 1.5U Rack
Weight (approx.)	3.6kg
Temperature Range	Between -30° and +60°C
Max Humidity	90% @ 30°C
3 rd order intercept point	Better than 33dBm



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