

## Compact Receiver Multicoupler

### Electrical Specifications

Frequency Band	380-512 MHz
Number of Channels	2-8
Passband Range	2-10 MHz
Number of Resonators	5
Isolation Rx-Rx (Min.)	23+ dB
Amplifier Gain (Typ.)	+30 dB
Amplifier Bias Voltage	13.6 VDC
Amplifier Noise Figure	2.8 dB
Amplifier Current Draw	250 mA
Amplifier Type	Bipolar
1dB Comp. Point	+21 dBm
System NF (Typ.)	5.0 dB
System Voltage	100-240 VAC
VSWR @ Resonance (Max.)	1.25:1
Impedance (Nom.)	50 Ω
RF Connectors (I/O)	N Female

### Mechanical Specifications

Finish	Black Paint
Rack Mount	19" EIA
Rack Units	1 RU
Overall Size (HxWxD)	1.75" x 19" x 16" (44 x 483 x 406 mm)
Ship Weight	15 lbs (6.8 kg)

### Environmental Specifications

Operating Temp. Range	-20 to +50 °C
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EMR Compact Series Receiver Multicouplers significantly reduce vertical space compared to conventional 3RU RX multicoupler offerings. These units are available in VHF and UHF frequency bands with 2, 4 or 8 port N/BNC or N/N connectors.

### Product Features

- Rugged constructed components
- Flat gain, high performance Low Noise Amplifier
- High compression point, Low IM generation

