

## Filter Ferrite Transmitter Combiner

### Electrical Specifications

Frequency Band	440-512 MHz
Freq. Spacing (Min.)	200 kHz
Number of Channels	5
Power Per Channel (Max.)	125 W
Insertion Loss Tx (Max. / Typ.)	3.5 / 3.0 dB
Isolation Ant-Tx (Min. / Typ.)	60 / 70 dB
Isolation Tx-Tx (Min. / Typ.)	70 / 80 dB
Impedance (Nom.)	50 Ω
VSWR I/O (Max.)	1.15:1 / 1.4:1
Isolator Stage	Dual
RF Connectors	N Female

### Mechanical Specifications

Finish	Gray Paint
Rack Mount	19" EIA
Rack Units	13 RU
Cavity Body Dimensions (WxD)	7" x 7" (178 x 178 mm)
Overall Size (HxWxD)	22.75" x 19" x 20" (578 x 483 x 508 mm)
Ship Weight	90 lbs (40.8 kg)

### Environmental Specifications

Operating Temp. Range	-22 to 140 °F (-30 to +60 °C)
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EMR Filter-Ferrite Transmitter Combiners use space saving, High-Q square cavity resonators, and wideband isolators providing lower insertion loss than hybrid designs. Standard units are mounted to a 19 inch EIA rack. Multiple mounting and free standing configurations available.

### Product Features

- High-Q Square Cavities
- Low Insertion Loss
- 5 Year Warranty

