

Filter Ferrite Transmitter Combiner

Electrical Specifications

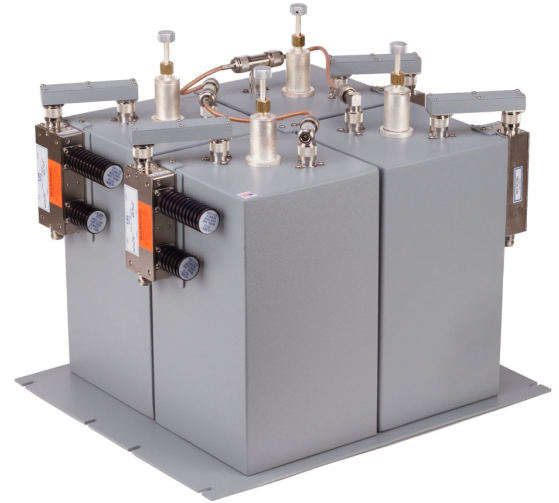
Frequency Band	440-512 MHz
Freq. Spacing (Min.)	300 kHz
Number of Channels	4
Power Per Channel (Max.)	125 W
Insertion Loss Tx (Max. / Typ.)	2.7 / 2.1 dB
Isolation Ant-Tx (Min. / Typ.)	60 / 70 dB
Isolation Tx-Tx (Min. / Typ.)	70 / 80 dB
VSWR I/O (Max.)	1.3:1 / 1.5:1
Isolator Stage	Dual
Impedance (Nom.)	50 Ω
RF Connectors	N Female

Mechanical Specifications

Finish	EMR Gray
Rack Mount	19" EIA
Rack Units	9 RU
Cavity Body Dimensions (WxD)	7" x 7" (178 x 178 mm)
Overall Size (HxWxD)	15.75" x 19" x 18" (400 x 483 x 457 mm)
Net Weight	43 lbs (19.5 kg)
Ship Weight	65 lbs (29.5 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

