

## Hybrid-Ferrite Transmitter Combiner

### Electrical Specifications

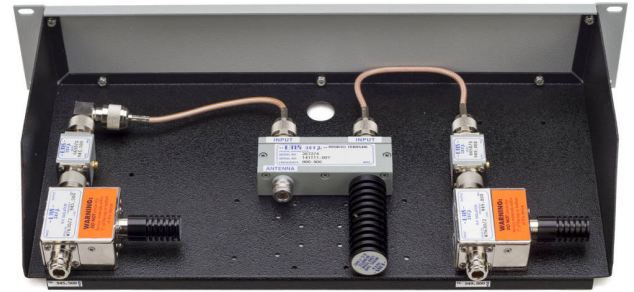
Frequency Band	88-108 MHz
Freq. Spacing (Min.)	6.25 KHz
Number of Channels	2
Power Per Channel (Max.)	10 W
Insertion Loss Tx (Max. / Typ.)	3.7 / 3.5 dB
Isolation Ant-Tx (Min. / Typ.)	20 / 30 dB
Isolation Tx-Tx (Min. / Typ.)	40 / 50 dB
Return Loss I/O (Max.)	25 / 18 dB
Isolator Stage	Single
Tx Bandpass Filter	Optional
Impedance (Nom.)	50 $\Omega$
RF Connectors (I/O)	N Female

### Mechanical Specifications

Finish	Gray Panel
Rack Mount	19" EIA
Rack Units	2 RU
Overall Size (HxWxD)	3.5" x 19" x 10" (89 x 483 x 254 mm)
Ship Weight	22 lbs (10 kg)

### Environmental Specifications

Operating Temp. Range	-22 to 140 °F (-30 to +60 °C)
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EMR Hybrid-Ferrite Combiners combine multiple extremely close spaced transmit frequencies to a common antenna. Our hybrid-ferrite combiners occupy less vertical rack space in a 19 inch EIA relay rack or cabinet than conventional filter-ferrite combiners. Hybrid configurations are available in up to 8 channels and are capable of up to 125W per channel.

### Product Features

- Combines extremely close spaced transmit frequencies.
- Easily accommodates additional channels.
- Compact 19" EIA rack mount design.

