

## UHF Filter Ferrite Transmit Combiner

### Electrical Specifications

Frequency Band:	440 – 512 MHz
Number of Channels:	4
Max input power per channel:	125 Watts Continuous
Isolator output load term:	1640
TX-TX channel Spacing:	300 KHz minimum
TX Insertion loss Maximum:	2.7 dB
TX Insertion loss Typical	2.1 dB
TX-TX Isolation:	70 dB min, 80 dB typ.
ANT-TX isolation:	60 dB min, 70 dB typ
Nominal Impedance:	50 Ohm
Input VSWR:	1.25:1 or better
Output return loss:	1.5:1 or better
Isolator Stages:	Dual

### Mechanical Specifications

Finish:	EMR Gray
Connectors:	N Female
Dimensions (WxD):	19" x 18" (482 x 457 mm)
Height:	9 RU
Shipping Weight:	59 lb (26.7 kg)
Plywood crate:	No

### Environmental Specification

Operational Temp. Range:	- 20 to +50 °C
Operating Humidity Range:	0-95% non-condensing
Operating Altitude:	-2000 to 15,000 ft -610 to +6096 meters

