

Base Station Antenna Duplexer

Electrical Specifications

Frequency Band	490-512 MHz
Offset Tx-Rx (Min.)	3 MHz
Bandwidth Tx/Rx (Min.)	25 kHz
Input Power (Max.)	250 W
Insertion Loss Rx-Ant (Nom.)	1.2 dB @ Min. Spacing
Insertion Loss Tx-Ant (Nom.)	1.2 dB @ Min. Spacing
Noise Suppression Rx (Nom.)	95 dB
Noise Suppression Tx (Nom.)	95 dB
VSWR (Max.)	1.3:1
Impedance (Nom.)	50 Ω
RF Connectors	N Female

Mechanical Specifications

Finish	Black
Rack Mount	19" EIA
Rack Units	3 RU
Overall Size (HxWxD)	5" x 19" x 12.25" (127 x 483 x 311 mm)
Net Weight	18.7 lbs (8.5 kg)
Ship Weight	22 lbs (10 kg)

Environmental Specifications

Operating Temp. Range	-22 to 140 °F (-30 to +60 °C)
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EMR 526 Series Duplexers use six pass-reject dual-notch resonators with three resonators per channel as the normal arrangement. This product utilizes the superior RF conductivity of copper for unmatched performance. These units are suitable for duplexing or two channel TX combining available with reversible mounting brackets to allow flush rack mounting with rear connections.

Product Features

- High isolation – minimal interference.
- Temperature compensated – assures consistent performance across temperature and power ranges.
- Low insertion loss – maximizes effective radiated power.

