

Pass Notch Antenna Duplexer

Electrical Specifications

Frequency Band	144-190 MHz
Offset (Min-Max.)	1 - 10 MHz
Input Power (Max.)	150 W
Number of Resonators	4
Insertion Loss (Max.)	1.2 dB
Isolation Tx-Rx (Min. / Typ.)	80 / 85 dB
VSWR (Max.)	1.25:1
Impedance (Nom.)	50 Ω
RF Connectors	N Female

Mechanical Specifications

Finish	Gray Paint
Cavity Size / Quantity	4" / 4
Rack Mount	19" EIA
Rack Units	19 RU (Max.)
Overall Size (HxWxD)	33.25" x 19" x 4.5" (845 x 483 x 114 mm)
Net Weight	30 lbs (13.6 kg)
Ship Weight	38 lbs (17.2 kg)

Environmental Specifications

Operating Temp. Range	-22 to 140 °F (-30 to +60 °C)
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EMR pass-notch duplexers allow for the simultaneous use of a transmitter and receiver on a single common antenna. Our signature square cavities provide greater Q while requiring less space than conventional round cavities.

Product Features

- High Q Square cavities
- Space saving design
- Low insertion loss

