

## Pass Notch Antenna Duplexer

### Electrical Specifications

Frequency Band	440-512 MHz
Offset (Min-Max.)	3 - 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 $\Omega$
RF Connectors	N Female

### Mechanical Specifications

Finish	Gray Paint
Cavity Size / Quantity	4" / 4
Rack Mount	19" EIA
Rack Units	3 RU
Overall Size (HxWxD)	5.25" x 19" x 17" (133 x 483 x 432 mm)
Net Weight	21 lbs (9.5 kg)
Ship Weight	26 lbs (11.8 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

