

Mobile Duplexer

Electrical Specifications

Frequency Band	217-222 MHz
Offset Tx-Rx	4.6 - 6 MHz
Input Power (Max.)	50 W
Insertion Loss (Typ.)	1.2 dB
Isolation (Min. / Typ.)	70 / 80 dB
VSWR (Max.)	1.25:1
Impedance (Nom.)	50 Ω
RF Connectors	N Female

Mechanical Specifications

Finish	Black
Cavity Size / Quantity	1" / 6
Overall Size (HxWxD)	1.25" x 6" x 8.5" (32 x 152 x 216 mm)
Net Weight	1.9 lbs (0.9 kg)
Ship Weight	3 lbs (1.4 kg)

Environmental Specifications

Operating Temp. Range	-22 to 140 °F (-30 to +60 °C)
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EMR Mobile Antenna Duplexers allow bi-directional communication over a single common antenna and are ideal for applications that call for a compact rugged unit, such as in a vehicle, or where space is limited. Required information for selecting the correct model: power level (radio must have an output power level of no more than 50W), exact transmit and receive frequencies (common minimum frequency separation is 5.0 MHz).

Product Features

- Minimum 5 MHz frequency separation
- Compact, rugged design
- Ideal for mobile applications

