

## Mobile Duplexer

### Electrical Specifications

Frequency Band	440-490 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 $\Omega$
RF Connectors	BNC Female

### Mechanical Specifications

Finish	Black
Cavity Size / Quantity	1" / 6
Overall Size (HxWxD)	1.25" x 6" x 9.5" (32 x 152 x 241 mm)
Net Weight	2.45 lbs (1.1 kg)
Ship Weight	4 lbs (1.8 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 where space is limited.

### Product Features

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

