

## Wideband RF Isolator

### Electrical Specifications

Frequency Band	146-226 MHz
Bandwidth	Single Frequency
Input Power (Max.)	125 W
Reflected Power (Max.)	60 W
Isolation Ant-Tx (Min.)	30+ dB
Insertion Loss (Max.)	0.40 dB
Impedance (Nom.)	50 $\Omega$
Return Loss (Min.)	28+ dB
Isolator Stage	Single
Load Termination	60 W
RF Connectors	N Female

### Mechanical Specifications

Finish	Nickel
Overall Size (HxWxD)	1" x 4.12" x 6" (25 x 105 x 152 mm)
Net Weight	1.3 lbs (0.6 kg)
Ship Weight	3 lbs (1.4 kg)

### Environmental Specifications

Operating Temp. Range	32 to 122 °F (0 to +50 °C)
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EMR Corp W-Series (Wideband) line of ferrite Isolators/Circulators have excellent narrow band as well as broadband specifications. These isolators maintain low insertion loss with stable operation while providing excellent isolation at 30+ dB for single and 60+ dB for dual units. Wider bandwidths help to facilitate stocking requiring fewer SKU Nos for inventory making the W-Series an ideal choice for distributors.

### Product Features

- Available from 30 MHz to 1.3 GHz Bands
- Wider Bandwidths available with changes to specifications.

W7450 Circulator Dimensions

