

## Wideband RF Isolator

### Electrical Specifications

Frequency Band	300-650 MHz
Bandwidth	Single Frequency
Input Power (Max.)	150 W
Reflected Power (Max.)	75 W
Isolation Ant-Tx (Min. / Typ.)	65 / 75 dB
Isolator Stage	Dual
Load Termination	30/75 W
Insertion Loss (Max.)	0.60 dB
Return Loss (Min.)	28+ dB
Impedance (Nom.)	50 Ω
RF Connectors	N Female

### Mechanical Specifications

Finish	Nickel
Overall Size (HxWxD)	2.75" x 6" x 6.6" (70 x 152 x 168 mm)
Net Weight	3.6 lbs (1.6 kg)
Ship Weight	6 lbs (2.7 kg)

### Environmental Specifications

Operating Temp. Range	14 to 140 °F (-10 to +60 °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 65+ 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.

W8550 Circulator Dimensions

