

Wideband RF Isolator

Electrical Specifications

Frequency Band	300-650 MHz
Bandwidth	Single Frequency
Input Power (Max.)	50 W
Reflected Power (Max.)	15 W
Isolation Ant-Tx (Min. / Typ.)	65 / 75 dB
Isolator Stage	Dual
Load Termination	15/30 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)	1.25" x 6" x 4" (32 x 152 x 102 mm)
Net Weight	2.2 lbs (1 kg)
Ship Weight	4 lbs (1.8 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.

W8540 Circulator Dimensions

