

Wideband RF Isolator

Electrical Specifications

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

Mechanical Specifications

Finish	Nickel
Overall Size (HxWxD)	1.25" x 4.25" x 4.5" (32 x 108 x 114 mm)
Net Weight	1.2 lbs (0.5 kg)
Ship Weight	2 lbs (0.9 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 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.

W7450 Circulator Dimensions

