

Wideband RF Isolator

Electrical Specifications

Frequency Band	146-226 MHz
Bandwidth	Single Frequency
Input Power (Max.)	125 W
Isolation Ant-Tx (Min. / Typ.)*	65 / 75 dB
Isolator Stage	Dual
Insertion Loss (Max.)	0.80 dB
Return Loss (Min.)	28+ dB
Impedance (Nom.)	50 Ω
RF Connectors	N Female

Mechanical Specifications

Finish	Gray Panel
Overall Size (HxWxD)	3.5" x 19" x 10" (89 x 483 x 254 mm)
Net Weight	11 lbs (5 kg)
Ship Weight	15 lbs (6.8 kg)

Environmental Specifications

Operating Temp. Range	32 to 122 °F (0 to +50 °C)
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* Ant-TX isolation is conditional on having good 50 Ohm impedance at all ports.



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.

