

Intermod Control Panel

Electrical Specifications

Frequency Band	150-300 MHz
Bandwidth	Single Frequency
Input Power (Max.)	125 W
Isolation Ant-Tx (Min.)	70+ dB
Reflected Power (Max.)	60 W
Isolator Stage	Single
Load Termination	30/60 W
Insertion Loss (Max.)	0.60 dB
VSWR (Max.)	1.14:1
Impedance (Nom.)	50 Ω
RF Connectors	N Female

Mechanical Specifications

Finish	Gray Panel
Overall Size (HxWxD)	3.5" x 19" x 8" (89 x 483 x 203 mm)
Ship Weight	12 lbs (5.4 kg)

Environmental Specifications

Operating Temp. Range	-22 to 140 °F (-30 to +60 °C)
-----------------------	-------------------------------

Notes

Extended bandwidths(s) up to 7.5% of CF available with corresponding changes in specifications



EMR Intermodulation Control Panels (IM-Panels) include our wide-band line of isolators as a key component. These units are compact, with consistent access to input and output connectors, while providing optimal electrical performance and heat dissipation. All EMR IM-Panels include a 2nd harmonic filter placed at the output connector of the isolator providing suppression of 2nd harmonics. A low pass filter may be used in systems requiring additional rejection of all harmonics and spurious signals.

Product Features

- Compact Design
- Wide-Band Isolators
- 2nd Harmonic Protection
- Temperature Compensated

