

MINI WAVEGUIDE FARADAY ISOLATORS

FOR SUBASSEMBLIES & SYSTEM INTEGRATION

ERAVANT
MAKING MILLIMETERWAVE ACCESSIBLE

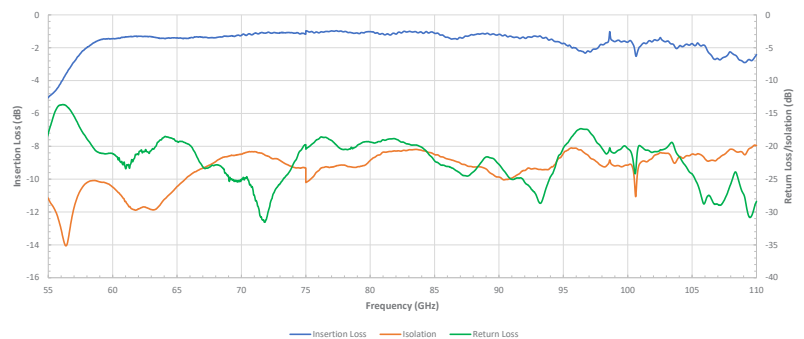


Eravant offers miniature waveguide Faraday isolators for integration in subassemblies and test setups where space is limited. The mini isolator series covers a combined frequency range from 50 to 330 GHz. The design uses a saturated magnetic field configuration to achieve lower insertion loss and maintain high isolation while allowing for a much more compact package size compared to the traditional isolators. In addition, the mini isolators are resistant to external stray magnetic fields, allowing them to be packed close together without performance degradation. The mechanical design also enables backside flange screw access for convenient system integration and installation. In addition to the standard colinear configuration, Eravant also offers models with a built-in 90 degree twist for all bands.

FEATURES

- Full Band Models up to **330 GHz**
- Compact Form Factor
- Resistant to Stray Magnetic Fields
- Backside Flange Screw Access
- Inline and 90 Degree Twist Configurations

Typical Performance vs Frequency
(Extended Bandwidth) Model STF-12-S1-M2



Typical Performance vs Frequency
(Extended Bandwidth) Model STF-10-S1-M2

