

Description

Mi-Wave's 116 series isolators use the Faraday principle of rotation in a broadband dielectric waveguide design to achieve high isolation across full waveguide bands. High quality ferrite material is used in these isolators and the magnetic field is produced by an integral permanent magnet.

Notes

S/N: N/A

Electrical Specifications

| | Minimal | Typical | Maximum |
|----------------|----------------|----------------|----------------|
| Frequency | 18 GHz | | 26.5 GHz |
| Insertion Loss | | 2.25 dB | |
| Isolation | | 25 dB | |
| VSWR | | 1.30:1 | |
| Power Handling | | | 2 Watts (CW) |
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Physical Specifications

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|-------------------------------|----------------------------------|
| Input and Output Port | WR-42 Waveguide, UG-595/U Flange |
| Waveguide and Flange Material | Copper/Brass |
| Waveguide and Flange Finish | Gold Plated |
| Cover Material | Aluminum |
| Cover Finish | Black anodized |
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Tested by: N/A

Date: 2020-08-19

