

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	22 GHz		33 GHz
Insertion Loss		1.5 dB	
Isolation		25 dB	
VSWR		1.30:1	
Power Handling			2 Watts (CW)

Physical Specifications

Input and Output Port	WR-34 Waveguide, UG-595 Flange.
Waveguide and Flange Material	Copper/Brass
Waveguide and Flange Finish	Gold Plated
Cover Material	Black Delrin Acetal

Tested by: Kim Madden

Date: 2021-07-22

