

**Description**

Mi-Wave's 115 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**

	<b>Minimal</b>	<b>Typical</b>	<b>Maximum</b>
Frequency	140 GHz		220 GHz
Insertion Loss		3.5 dB	
Isolation		20 dB	
VSWR		1.5:1	
Power Handling			0.2 Watts (CW)

**Physical Specifications**

Input and Output Port	WR-5 Waveguide, UG-387/U-M Flange
Waveguide and Flange Material	Brass
Waveguide and Flange Finish	Gold Plated
Cover Material	Aluminum
Cover Finish	Black anodized

Tested by: Kim Madden

Date: 2019-12-02

