

**TEST DATA SHEET** 

## 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.

S/N: NA

**Notes** 

## **Electrical Specifications**

	Minimal	Typical	Maximum
		Турісаі	
Frequency	110 GHz		170 GHz
Insertion Loss		3 dB	
Isolation		20 dB	
VSWR		1.5	
Power Handling			0.2 Watts (CW)

## **Physical Specifications**

Input and Output Port	WR-6 Waveguide, UG-387/U-M Flanges	
Waveguide and Flange Material	Brass	
Waveguide and Flange Finish	Gold Plated	
Cover Material	Aluminum	
Cover Finish	Black anodized	

Tested by: Kim Madden

Date: 2020-01-03



