MI-WAVE®
Millimeter Wave Products Inc.

116V/385

TEST DATA SHEET

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	50 GHz		75 GHz
Insertion Loss		2.95 dB	
Isolation		25 dB	
VSWR		1.35:1	
Power Handling			1 Watts (CW)

Physical Specifications

Input and Output Port	WR-15 Waveguide, UG-385/U Flange
Waveguide and Flange Material	Brass
Waveguide and Flange Finish	Gold Plated
Cover Material	Aluminum
Cover Finish	Black anodized
Length	2.56 inches
Weight	2.3 oz

Tested by: Kim Madden

Date: 2020-06-05