MI-WAVE®
Millimeter Wave Products Inc.

284V-.125/385

TEST DATA SHEET

Description

Mi-Wave's 284 series tapered mode transitions is a precision formed adapter used to transform rectangular TE10 mode waveguide to a circular TE11 mode waveguide. Mainly used in antenna systems and associated components to adapt to conventional waveguide.

Notes

Data Sheet Variables: ".XXX" in Product Name correlates with Internal Diameter defined in Physical Specifications below.

S/N: 599YEW

Electrical Specifications

	Minimal	Typical	Maximum
Frequency	50 GHz		75 GHz
VSWR		1.15	
Bandwidth		Def. by ID	

Physical Specifications

Waveguide Port 1	WR-15 Waveguide, UG-385/U Flange
Waveguide Port 2 (Opt 1)	.165" ID Circular Waveguide (50-58 GHz)
Waveguide Port 2 (Opt 2)	.141" ID Circular Waveguide (58-68 GHz)
Waveguide Port 2 (Opt 3)	.125" ID Circular Waveguide (68-75 GHz)
Port 2 Flange	UG-385/U
Material	Brass
Finish	Gold Plated

Tested by: Kim Madden

Date: 2022-03-08

RoHS compliant
Millimeter Wave Products Inc. • 2007 Gandy Blvd N., Suite 1310, St. Petersburg, FL 33702
Phone: (727) 563-0034 • **Fax:** (727) 563-0031 • **Email:** Sales@miwv.com
REACH COMPLIANCE