MI-WAVE®
Millimeter Wave Products Inc.

284U-.219/383

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: NA

Electrical Specifications

	Minimal	Typical	Maximum
Frequency	40 GHz		60 GHz
VSWR		1.15	
Bandwidth		38.5 - 43	

Physical Specifications

Waveguide Port 1	WR-19 Waveguide, UG-383/U-M Flange
Waveguide Port 2 (Opt 2)	.219" ID Circular Waveguide (38.5-43 GHz)
Port 2 Flange	UG-383/U-M
Material/Finish	Brass/ Gold Plated

Tested by: Kim Madden

Date: 2021-04-16