MI-WAVE®
Millimeter Wave Products Inc.

284B-.XXX/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	33 GHz		50 GHz
VSWR		1.15	
Bandwidth		Def. by ID	

Physical Specifications

Waveguide Port 1	WR-22 Waveguide, UG-383/U Flange
Waveguide Port 2 (Opt 1)	.250" ID Circular Waveguide (33-38.5 GHz)
Waveguide Port 2 (Opt 2)	.219" ID Circular Waveguide (38.5-43 GHz)
Waveguide Port 2 (Opt 3)	.188" ID Circular Waveguide (43-50 GHz)
Port 2 Flange	UG-383/U
Material	Brass
Finish	Gold Plated

Tested by: Kim Madden

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RoHS compliant
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