MI-WAVE®
Millimeter Wave Products Inc.

284A-.281/599

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: QFYL9M RFYL9U SFYL9P TFYL9K UFYL9V

Electrical Specifications

	Minimal	Typical	Maximum
Frequency	26.4 GHz		40 GHz
VSWR		1.15	
Bandwidth		Def. by ID	

Physical Specifications

Waveguide Port 1	WR-28 Waveguide, UG-599/U Flange
Waveguide Port 2 (Opt 1)	.328" ID Circular Waveguide (26.5-28.5 GHz)
Waveguide Port 2 (Opt 2)	.281" ID Circular Waveguide (28.5-33 GHz)
Waveguide Port 2 (Opt 3)	.250" ID Circular Waveguide (33-38.5 GHz)
Waveguide Port 2 (Opt 4)	.219" ID Circular Waveguide (38.5-43 GHz)
Wvaeguide Port 2 Flange	UG-599/U Flange
Material/Finish	Brass/Gold Plated

Tested by: Kim Madden

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RoHS compliant
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