MI-WAVE®
Millimeter Wave Products Inc.

282X-10.05/0.938/39

TEST DATA SHEET

Description

282 Series Circular Polarizer

Notes

Data Sheet Variables: XX in Product Name = Center Frequency (Defined by End-User); ".XXX" in Product Name correlates with Internal Diameter defined in Physical Specifications below. The orientation of the polarizer will determine the Right Hand or Left Hand Circular polarization.

S/N: VZPXXW WZPXFX XZPXSX YZPXPZ

Electrical Specifications

	Minimal	Typical	Maximum
Frequency Range	8.2 GHz		12.4 GHz
Bandwidth		2 GHz	
Insertion Loss			1.0 dB
Axial Ratio			1 dB
VSWR		1.2:1	

Physical Specifications

Waveguide Option 1	1.094" ID Circular Waveguide (8-9.97 GHz)
Waveguide Option 2	.938" ID Circular Waveguide (8.5-11.6 GHz)
Waveguide Option 3	.797" ID Circular Waveguide (9.7-12.4 GHz)
Flange	UG-90/U
Material	Aluminum

Tested by: Mark Smith

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