MI-WAVE®
Millimeter Wave Products Inc.

283A-40/.219/599

TEST DATA SHEET

Description

283 Series Adjustable 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. End User to Choose Right-Hand Circular, Left Hand Circular, or Linear Polarization.

S/N: VCP11I

Electrical Specifications

	Minimal	Typical	Maximum
Center Frequency	26.5 GHz		40 GHz
Bandwidth		5 GHz	
Insertion Loss		0.4 dB	
Axial Ratio (Right Hand to Left Hand) Balance		1 dB	
VSWR		1.2:1	

Physical Specifications

Port Option 1	.328" ID Circular Waveguide (26.5-28.5 GHz)
Port Option 2	.281" ID Circular Waveguide (28.5-33 GHz)
Port Option 3	.250" ID Circular Waveguide (33-38.5 GHz)
Port Option 4	.219" ID Circular Waveguide (38.5-40 GHz)
Flange Type	UG-599/U [UG-381/U option available]
Material	Aluminum
Finish	Chem Film

Tested by: MS

Date: 2024-04-23

RoHS compliant
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REACH COMPLIANCE