MI-WAVE®
Millimeter Wave Products Inc.

283Ku-16/.550/419

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: F4TY4SL

Electrical Specifications

	Minimal	Typical	Maximum
Center Frequency	12.4 GHz		18 GHz
Bandwidth		3 GHz	
Insertion Loss		0.25 dB	
Axial Ratio (Right Hand to Left Hand) Balance		1 dB	
VSWR		1.2:1	

Physical Specifications

Port Option 1	.660" ID Circular Waveguide (12.4-14.6 GHz)
Port Option 2	.550" ID Circular Waveguide (14.6-17.5 GHz)
Material	Aluminum
Finish	Chem Film

Tested by: MS

Date: 2023-01-05