

#### 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: FJ4YHM GJ4YX8

#### Electrical Specifications

	Minimal	Typical	Maximum
Frequency Range	12.4 GHz		14.6 GHz
Bandwidth		2.2 GHz	
Insertion Loss			1.0 dB
Axial Ratio			1 dB
VSWR		1.2:1	

#### Physical Specifications

Waveguide Option 1	.660" ID Circular Waveguide (12.4-14.6 GHz)
Waveguide Option 2	.550" ID Circular Waveguide (14.6-17.5 GHz)
Flange	UG-419/U
Material	Aluminum

Tested by: Mark Smith

Date: 2022-05-04

