

## 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: 02Y011 12Y01J

## Electrical Specifications

	Minimal	Typical	Maximum
Frequency Range	17.5 GHz		20.5 GHz
Bandwidth - Defined buy Circ. WG ID		19.25	
Insertion Loss		1.0 dB	
Axial Ratio			1 dB
VSWR		1.2:1	

## Physical Specifications

Waveguide Option 1	.470" ID Circular Waveguide (17.5- 20.5 GHz)
Waveguide Option 2	.396" ID Circular Waveguide (20.5-24.5 GHz)
Waveguide Option 3	.328" ID Circular Waveguide (24.5-26.5 GHz)
Flange	UG-595/U
Material	Aluminum
Finish	Gold Plated

Tested by: Mark Smith

Date: 2023-09-14

