

## 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: AAOYXY

## Electrical Specifications

	Minimal	Typical	Maximum
Center Frequency	75 GHz		110 GHz
Bandwidth		8 GHz	
Insertion Loss		0.50 dB	
Axial Ratio (Right Hand to Left Hand) Balance		1 dB	
VSWR		1.2:1	

## Physical Specifications

Port Option 1	.125" ID Circular Waveguide (75-77 GHz)
Port Option 2	.110" ID Circular Waveguide (77-87 GHz)
Port Option 3	.094" ID Circular Waveguide (87-100 GHz)
Port Option 4	.082" ID Circular Waveguide (100-110 GHz)
Flange	UG-387/U-M
Material	Aluminum or Brass
Finish	Gold Plated

Tested by: MS

Date: 2022-06-27

