

**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: N/A

**Electrical Specifications**

	<b>Minimal</b>	<b>Typical</b>	<b>Maximum</b>
Center Frequency	50 GHz		75 GHz
Bandwidth		7 GHz	
Insertion Loss		0.40 dB	
Axial Ratio (Right Hand to Left Hand) Balance		1 dB	
VSWR		1.2:1	

**Physical Specifications**

Port Option 1	.165" ID Circular Waveguide (50-58 GHz)
Port Option 2	.141" ID Circular Waveguide (58-68 GHz)
Port Option 3	.125" ID Circular Waveguide (68-75 GHz)
Flange	UG-385/U
Material	Aluminum or Brass
Finish	Gold Plated

Tested by: MS

Date: 2020-11-09

