

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: QV201N RV2014

Electrical Specifications

	Minimal	Typical	Maximum
Center Frequency	18 GHz		26.5 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	.470" ID Circular Waveguide (17.5- 20.5 GHz)
Port Option 2	.396" ID Circular Waveguide (20.5-24.5 GHz)
Port Option 3	.328" ID Circular Waveguide (24.5-26.5 GHz)
Flange	UG-595/U
Material	Aluminum
Finish	Chem Film

Tested by: MS

Date: 2023-04-21

