

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: FD8ZN9

Electrical Specifications

| | Minimal | Typical | Maximum |
|-----------------|----------|---------|----------|
| Frequency Range | 17.5 GHz | | 20.5 GHz |
| Bandwidth | | | |
| Insertion Loss | | 1.0 dB | |
| Axial Ratio | | | 1 dB |
| VSWR | | 1.2:1 | |
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Physical Specifications

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|--------------------|--|
| 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: 2022-10-21

