



RF-LAMBDA

LEADER OF RF BROADBAND SOLUTIONS

RFWAT15W001-XX

Waveguide WR15 Fixed Attenuator 50-75GHz

Features

- WR15 Fixed Waveguide Attenuator
- Low VSWR

Typical Applications

- Microwave Signal Attenuation.
- Test and Measurement.
- Research and Development.
- Radar Applications



Electrical Specifications, 25°C

| Part Number | Frequency Range | Attenuation | VSWR | Power Handling |
|----------------|-----------------|------------------|------|----------------|
| RFWAT15W001-3 | 50-75GHz | 3dB \pm 0.5dB | 1.6 | 0.5W |
| RFWAT15W001-6 | 50-75GHz | 6dB \pm 0.5dB | 1.6 | 0.5W |
| RFWAT15W001-10 | 50-75GHz | 10dB \pm 0.5dB | 1.6 | 0.5W |
| RFWAT15W001-20 | 50-75GHz | 20dB \pm 0.5dB | 1.6 | 0.5W |
| RFWAT15W001-30 | 50-75GHz | 30dB \pm 0.5dB | 1.6 | 0.5W |

Mechanical Specifications

| | |
|----------------------|--------------------------------------|
| Waveguide Type | Rectangular Waveguide WR15 |
| Flange Type | UG385/U |
| Flange Holes | Through |
| Basis-material | Cuprum |
| Internal Body Finish | Silver Plated chromate or conversion |
| External Body Finish | Gray / Blue Paint |

Environmental Specifications

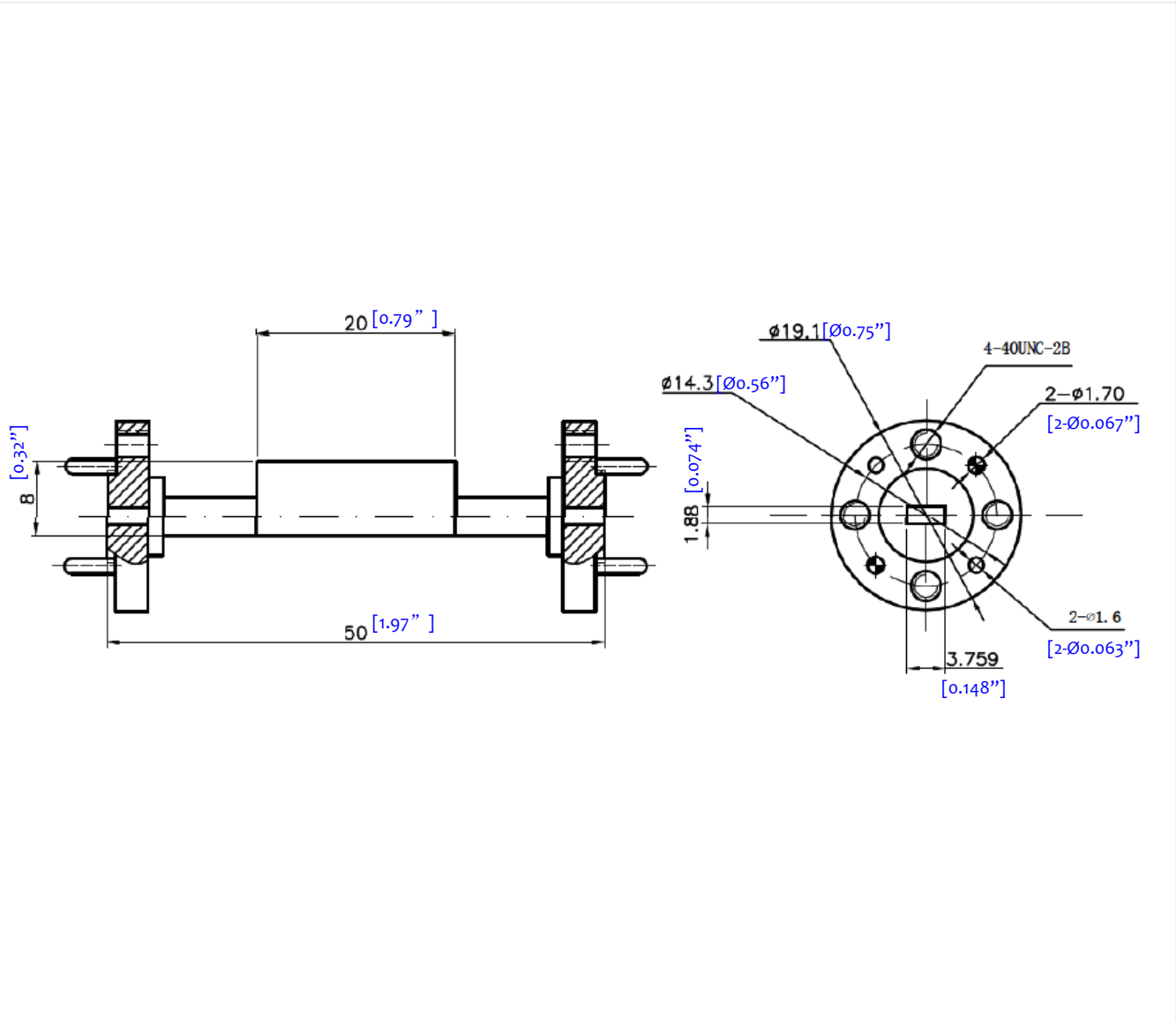
| | |
|------------------------------|--------------------------------|
| Operational Temperature (°C) | -40~ +85 |
| Storage Temperature (°C) | -60 ~ +125 |
| Altitude | 45000 ft |
| Vibration | 10g RMS (15 degrees 2KHz) |
| Humidity | 100% RH at 35c, 95%RH at 40 °C |
| Shock | 20G for 11msec |

0.5W Waveguide WR15 Fixed Attenuator



Outline Drawing:

All Dimensions in mm [inches]



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