



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 ± 0.5dB	1.6	0.5W
RFWAT15W001-6	50-75GHz	6dB ± 0.5dB	1.6	0.5W
RFWAT15W001-10	50-75GHz	10dB ± 0.5dB	1.6	0.5W
RFWAT15W001-20	50-75GHz	20dB ± 0.5dB	1.6	0.5W
RFWAT15W001-30	50-75GHz	30dB ± 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

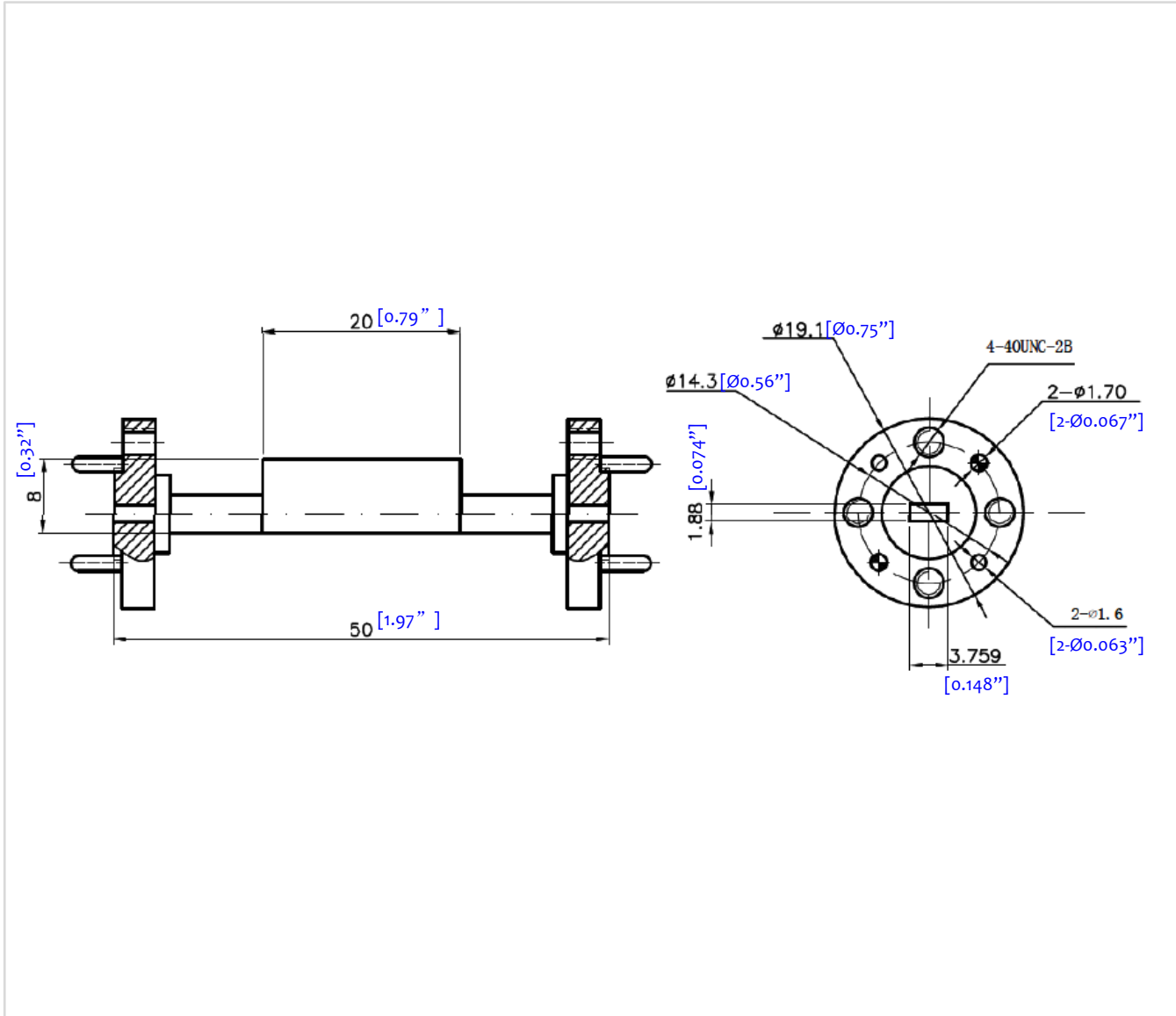
Operational Temperature (°C)	-40~ +85
Storage Temperature (°C)	-60 ~ +125
Altitude	45000 ft
Vibration	10g RMS (15 degrees 2KHz)
Humidity	100% RH at 35c, 95%RH at 40 °C
Shock	20G for 11msec

0.5W Waveguide WR15 Fixed Attenuator



Outline Drawing:

All Dimensions in mm [inches]



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