



Waveguide High Power Coupling Attenuator 8.2 – 12.4GHz

Features

- Waveguide Coupling Attenuator.
- 1000W Power Handling

Typical Applications

- Microwave Test and Measurement
- Radar Applications.
- Military and Defense.



Electrical Specifications , $T_A=25\text{ }^\circ\text{C}$

Parameters	Min.	Typ.	Max.	Units
Frequency Range	8.2		12.4	GHz
VSWR			1.25	: 1
Attenuation	6		60	dB
Flatness		± 0.5	± 0.7	dB
Flatness (8.2 to 10GHz)			± 0.5	dB
Power Handling			1000	W
Waveguide type	Rectangular Waveguide WR-90			
Flange type	UG135/U			
Material	Copper / Brass			
Finish	Inside	Silver Plating		
	Outside	Grey Paint (Corrosion protected)		

Environmental Specifications

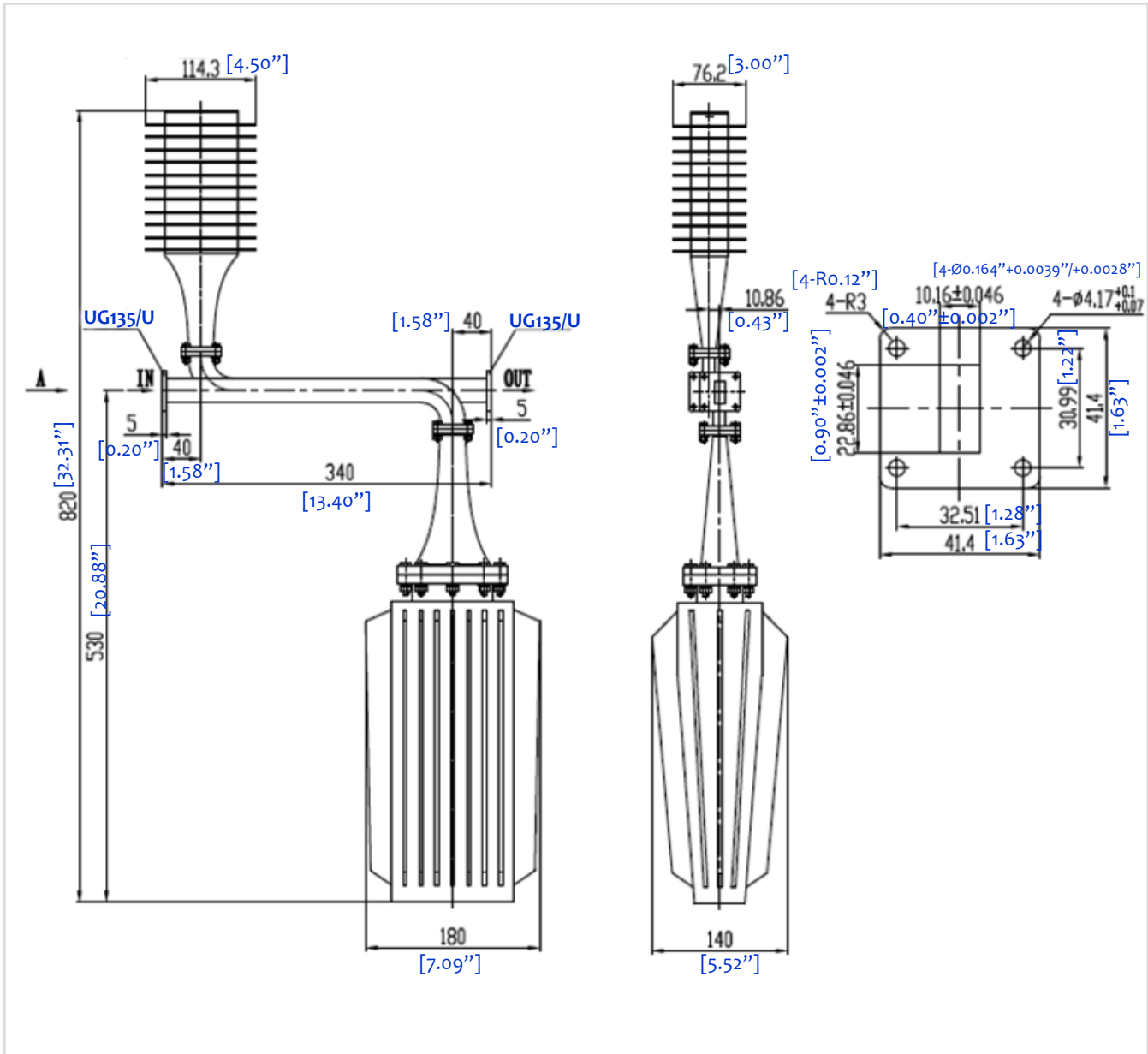
Operational Temperature ($^\circ\text{C}$)	-45 ~ +85
Storage Temperature ($^\circ\text{C}$)	-50 ~ +125
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment) (Optional)
Vibration	25g RMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35c, 95%RH at 40 $^\circ\text{C}$
Shock	20G for 11msec half sine wave, 3 axis both directions

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Outline Drawing:

All Dimensions in mm [inches]



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