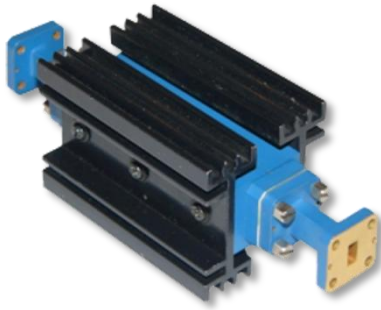




### 25W WR28 Waveguide Attenuator 26.5 – 40GHz



#### Features

- Waveguide Attenuator.
- 20dB, 30dB
- 25W Power Handling.

#### Typical Applications

- Radar Applications.
- Military and Defense.

Note: The photo is for illustration purposes only.  
Please refer to the outline drawing.

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

Parameters	Min.	Typ.	Max.	Units
Frequency Range	26.5		40	GHz
VSWR		1.20		:1
Attenuation	20dB, 30dB			
Power Handling			25	W
Peak Power (8us pulse)			1	KW
Waveguide Type	WR28			
Flange type	CPRG, CPRF, COVER, CHOKE available			
Flange Holes	Through			
Basis-material	Alloyed Cuprum 0.1kg			
Finish	Internal Body	Silver Plated chromate or conversion		
	External Body	Body painted with gray/black epoxy enamel		

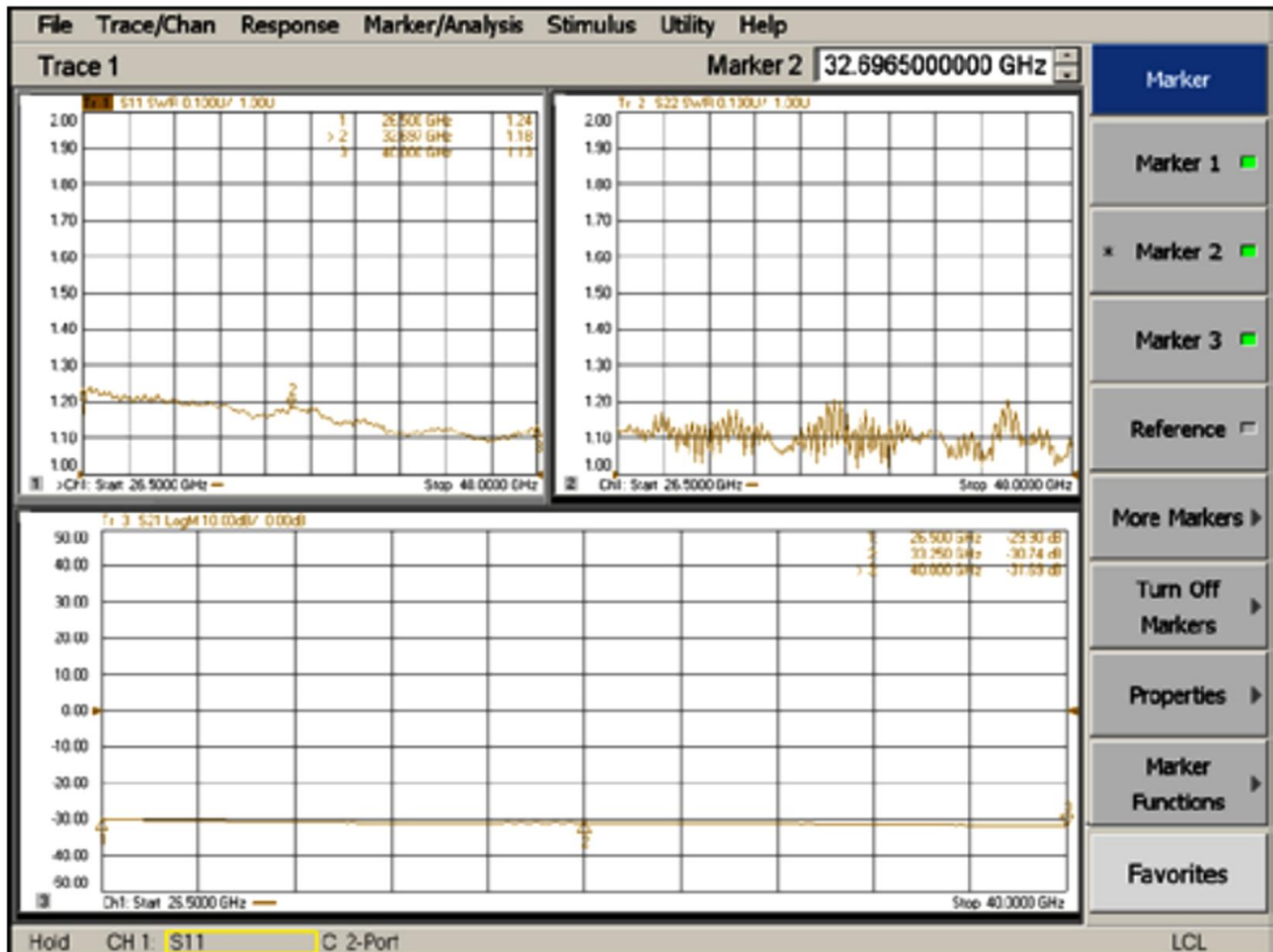
25W WR28 Waveguide Attenuator 26.5 – 40GHz



**Environmental Specifications and Test Standards**

Parameter	Standard	Description
Operational Temperature	MIL-STD-39016	-40°C~+85°C
Storage Temperature		-60°C~+125°C
Thermal Shock		1 Hour@ -45°C → 1 Hour @ +85°C (5 Cycles)
Random Vibration		Acceleration Spectral Density 6 (m/s) Total 92.6 RMS
Electrical & Temperature Burn In		Temperature +85°C for 72 Hours
Shock		1. Weight >20g, 50g half sine wave for 11ms, Speed variation 3.44m/s 2. Weight <=20g, 100g Half sine wave for 6ms, Speed variation 3.75m/s 3. Total 18 times (6 directions, 3 repetitions per direction).
Altitude	Standard: 30,000 Ft (Epoxy Sealed Controlled Environment) Optional: Hermetically Sealed (60,000 ft. 1.0 PSI min)	
Hermetically Sealed (Optional)	MIL-STD-883	MIL-STD-883 (For Hermetically Sealed Units)

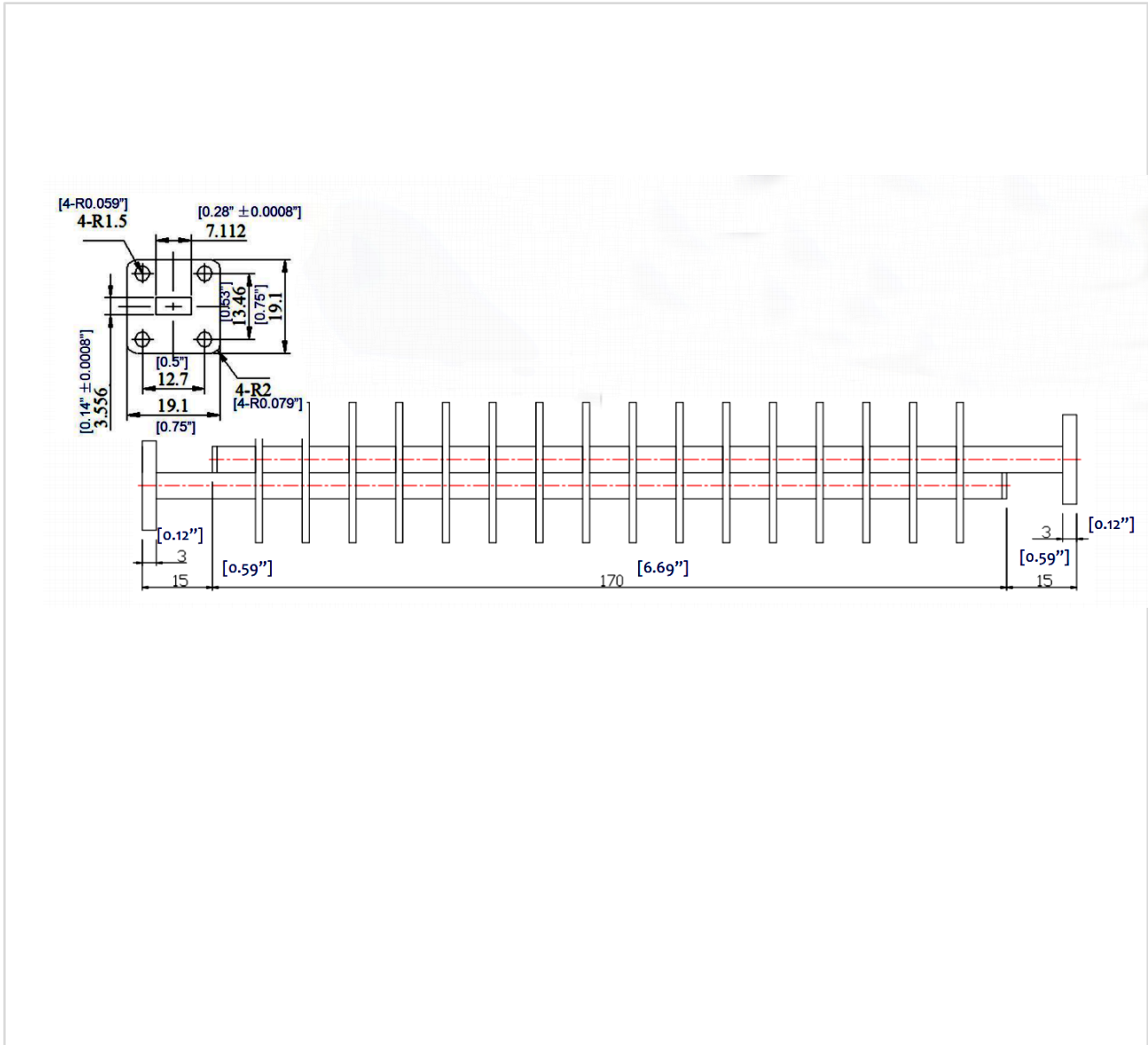
**25W WR28 Waveguide Attenuator 26.5 – 40GHz**





**Outline Drawing:**

All Dimensions in mm



**25W WR28 Waveguide Attenuator 26.5 – 40GHz**

**Important Notice**

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