



RF-LAMBDA

LEADER OF RF BROADBAND SOLUTIONS

RFWA90A0CFAL

Waveguide To Coaxial Adapter 8 – 11GHz



Features

- Waveguide to coaxial transition.
- Low IL

Typical Applications

- Wireless Infrastructure
- Military and Defense
- Research and Development

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

Parameters	Min.	Typ.	Max.	Units
Frequency Range	8		11	GHz
VSWR			1.25	:1
Waveguide Type	Customized			
Flange Type	Customized			
Connector	SMA-Male			
Material	Aluminum			
Interior Finish	Chromate conversion			
Exterior Finish	Anticorrosion grey paint			

Environmental Specifications

Operational Temperature ($^{\circ}\text{C}$)	-45 to +85
Storage Temperature ($^{\circ}\text{C}$)	-55 to +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 deg c
Shock	20G for 11msec half sine wave, 3 axis both directions

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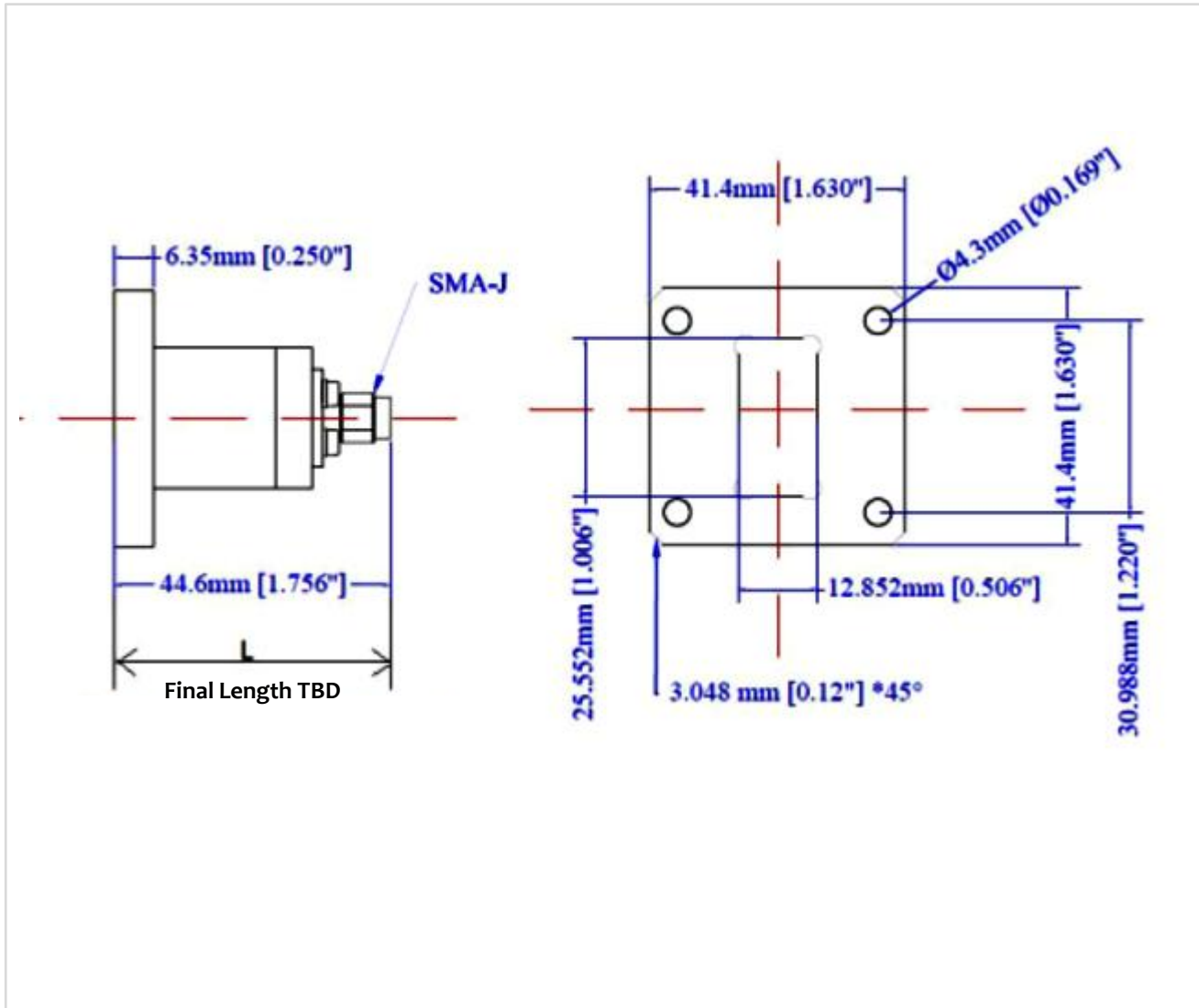
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Outline Drawing:

All Dimensions in mm [inches]



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