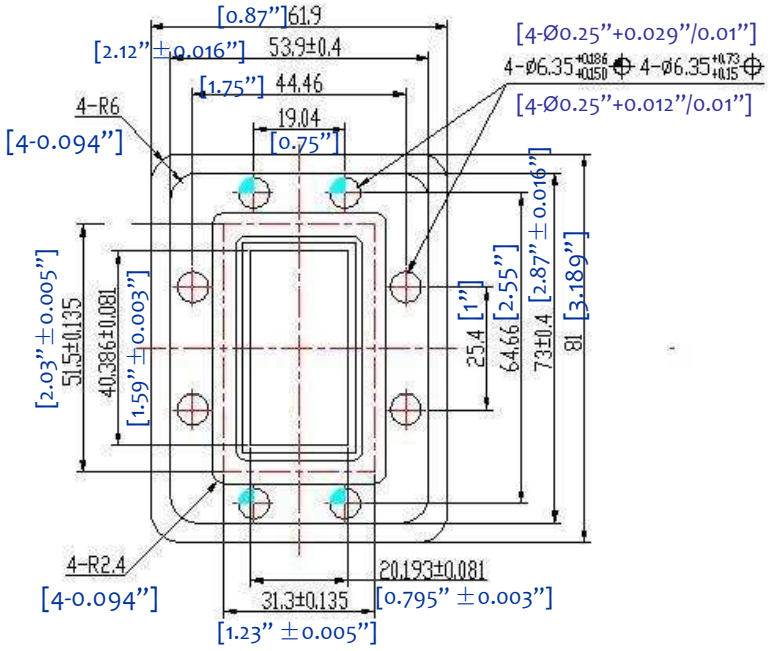
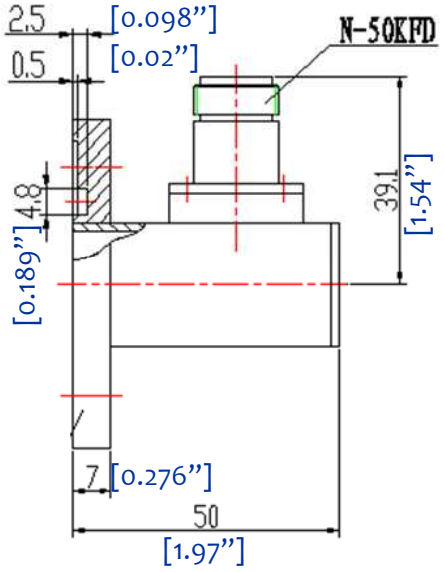
WAVEGUIDE TO COAXIAL ADAPTER--- RFWA159

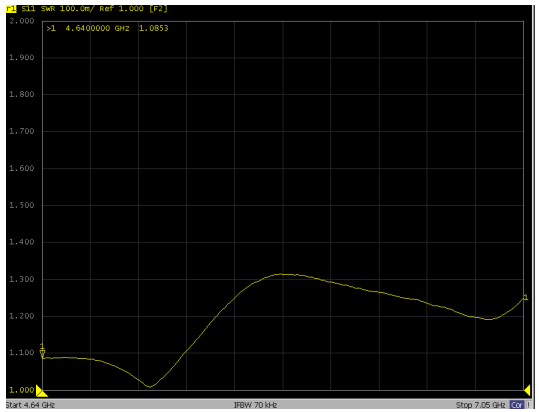
1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR159
1.2	Flange type	CPRG, CPRF, COVER, CHOKE available
1.3	Flange Holes	Through
1.4	Basis-material	Aluminum, Brass, Alloyed Cuprum, Stainless
1.5	Coaxial Connector	SMA, N, TNC, 7/16 (Male or Female)
1.6	Internal Body Finish	Silver Plated chromate or conversion
1.7	External Body Finish	Body painted with gray/black epoxy enamel

2.0	Environment specifications	
2.1	Operation Temp.	-40°C~+85°C
2.2	Storage Temp.	-50°C~+125°C
2.3	Altitude	45000 ft
2.4	Vibration	10g rms (15 degree 2KHz)
2.5	Humidity	100% RH at 35c, 95%RH at 40 deg c
2.6	Shock	20G for 11msc

3.0	Electrical Specifications	
3.1	Frequency Range	4.90 – 7.05GHz
3.2	Insertion Loss	0.15dB
3.3	Max. VSWR	1.40:1







Part Number: RF W A 159 A o CF AL

- RF-Lambda
- Waveguide
- Adapter
- Waveguide Type Number
- **Connector Type:** **A**=SMA, **B**=N, **C**=TNC, **D**=7/16
- **Degree:** **9**=90° or **o**=0°
- **Flange Type:** **CG**=CPRG; **CF**=CPRF; **CO**=COVER; **CK**=CHOKE
- **Material:** **AL**=Aluminum; **BS**=Brass; **AC**=Alloyed Cuprum; **SS**=Stainless

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DATE Sep 10th 2003

DESIGN RFPC

RF-LAMBDA RFPC

RFWA159
WAVEGUIDE TO COAXIAL ADAPTER

CAD MODEL REVISION 08

ASSEMBLY REVISION VS52

ASSEMBLY NAME RFLVR45

DRAWING NUMBER D05-4

www.rflambda.com

RF-LAMBDA | SIZE LT | SHEETS 1 OF 1