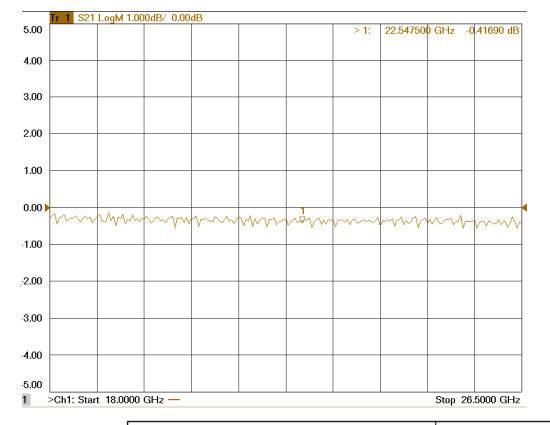
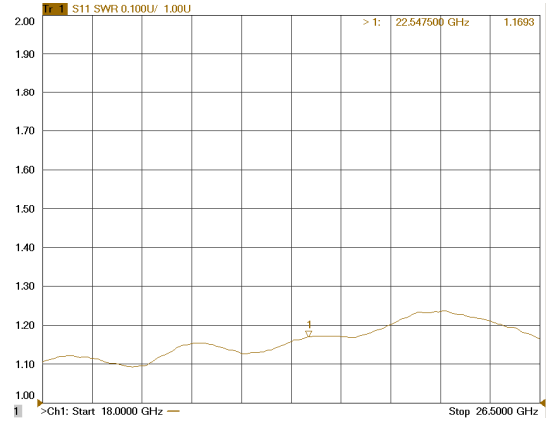
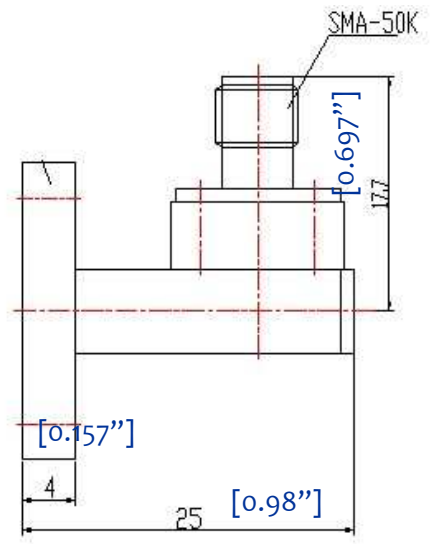
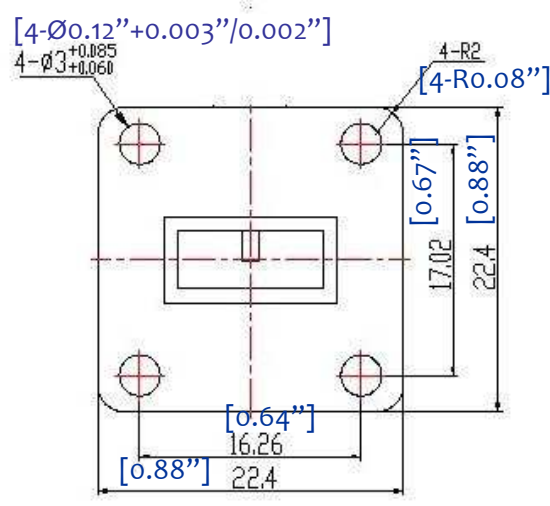


# WAVEGUIDE TO COAXIAL ADAPTER--- RFWA42

1.0 Mechanical Specifications	
1.1	Waveguide type Rectangular Waveguide WR42
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 (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 18.0 ~ 26.5GHz
3.2	Max. VSWR 1.20:1



Part Number: **RF W A 42 A O CF AL**

RF-Lambda \_\_\_\_\_  
 Waveguide \_\_\_\_\_  
 Adapter \_\_\_\_\_  
 Waveguide Type Number \_\_\_\_\_  
 Connector Type: **A**=SMA, **E**=2.92 K type \_\_\_\_\_  
 Degree: **9**=90° or **0**=0° \_\_\_\_\_  
 Flange Type: **CG**=CPRG; **CF**=CPRF; **CO**=COVER; **CK**=CHOKE \_\_\_\_\_  
 Material: **AL**=Aluminum; **BS**=Brass; **AC**=Alloyed Cuprum; **SS**=Stainless \_\_\_\_\_



PAGE 1 OF 1		DATE Aug 12 <sup>th</sup> 2005
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 <b>RFWA42</b> WAVEGUIDE TO COAXIAL ADAPTER		RF-LAMBDA RFPC
www.rflambda.com		CAD MODEL REVISION 09
SIZE LT		ASSEMBLY REVISION VS2
SHEETS 1 OF 1		ASSEMBLY NAME RFLVR16
		DRAWING NUMBER D05-1