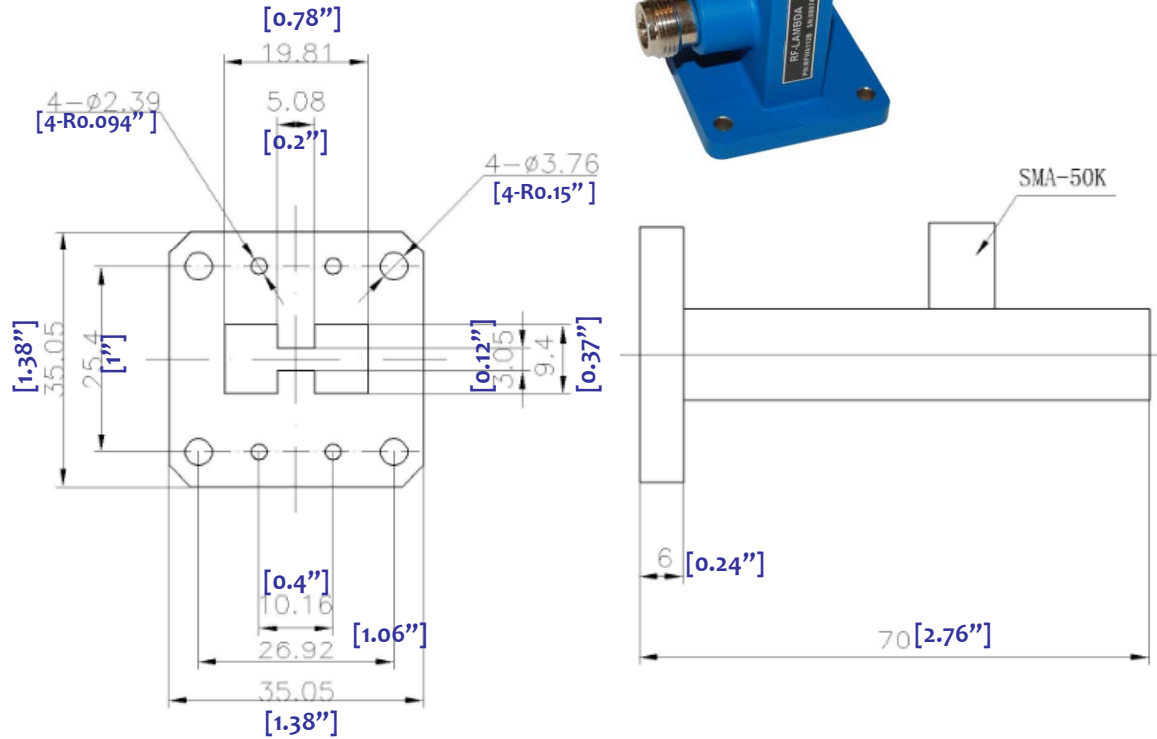


DOUBLE RIDGE WAVEGUIDE TO COAXIAL ADAPTER

--- RFWAD580

1.0 Mechanical Specifications		
1.1	Waveguide type	Rectangular Waveguide WRD580
1.2	Flange type	CPRG, CPRF, COVER, available
1.3	Flange Holes	Through
1.4	Basis-material	Aluminum, Brass, Alloyed Cuprum, Stainless
1.5	Coaxial Connector	SMA, N (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



Part Number: RF W A D580 A o CF AL

RF-Lambda _____
 Waveguide _____
 Adapter _____
 Waveguide WRD650 Number _____


Connector Type: A=SMA, B=N, C=TNC, D=7/16

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

3.0 Electrical Specifications		
3.1	Frequency Range	5.8–16GHz
3.2	Max. VSWR	1.18:1
3.3	Insertion Loss	0.8dB (Full Band) 0.2dB 10% band
3.4	Power	350W CW

PAGE 1 OF 1		DATE	Dec 19 th 2003
<small>PROPRIETARY INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF RF-LAMBDA EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITINGS BY RF-LAMBDA. THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN THE WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION OF ALL THIRD PARTIES AND SHALL USE SAME FOR OPERATING AND MAINTENANCE PURPOSES ONLY</small>		DESIGN	RFPC
		RF-LAMBDA	RFPC
 RFWAD580 WAVEGUIDE TO COAXIAL ADAPTER www.rflambda.com		CAD MODEL REVISION	01
		ASSEMBLY REVISION	VS12
		ASSEMBLY NAME	RFLVR45
		DRAWING NUMBER	D05-4
RF-LAMBDA	SIZE LT	SHEETS	1 OF 1