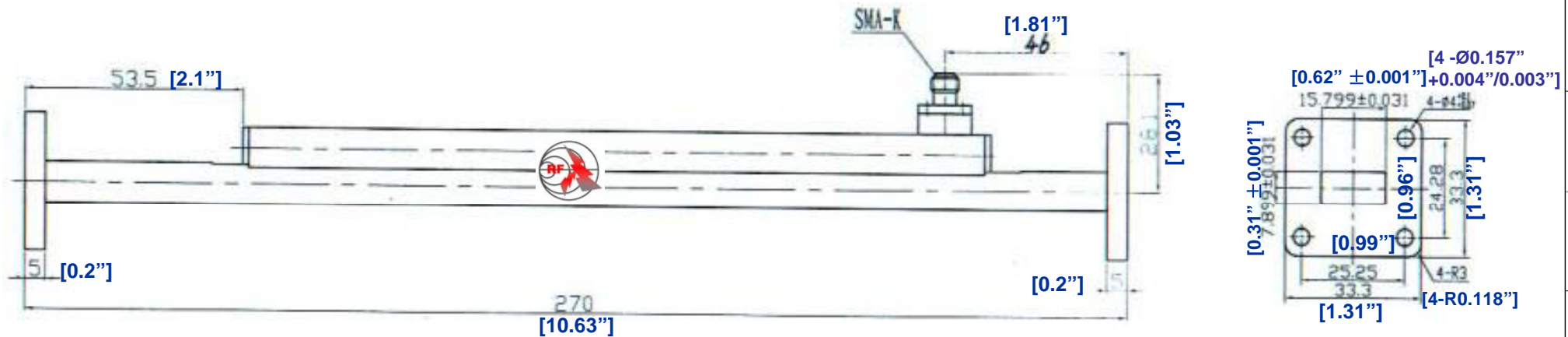



WAVEGUIDE WR62 DIRECTIONAL COUPLER— RWGCP62SB



1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR62
1.2	Flange type	CPRG, CPRF, COVER, CHOKE available
1.3	Flange Holes	Through
1.4	Basis-material	Cuprum
1.5	Internal Body Finish	Plated chromate or conversion
1.6	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.	-60°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

Electrical Specifications					
Frequency Range	Coupling	Insertion Loss (dB)	Directivity	VSWR (master) /2 _{nd} line	Power
15.4±0.35GHz (as shown) 12.4-18GHz available	20+/-0.5dB	0.2dB	35dB	1.05 / 1.25	100W

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 RWGCP62SB WAVEGUIDE COUPLER		DESIGN	RFPC
		RF-LAMBDA	RFPC
		CAD MODEL REVISION	1-4
		ASSEMBLY REVISION	VS20-3
www.rflambda.com		ASSEMBLY NAME	RFLVR04
RF-LAMBDA		DRAWING NUMBER	D02-5
SIZE	LT	SHEETS	1 OF 1