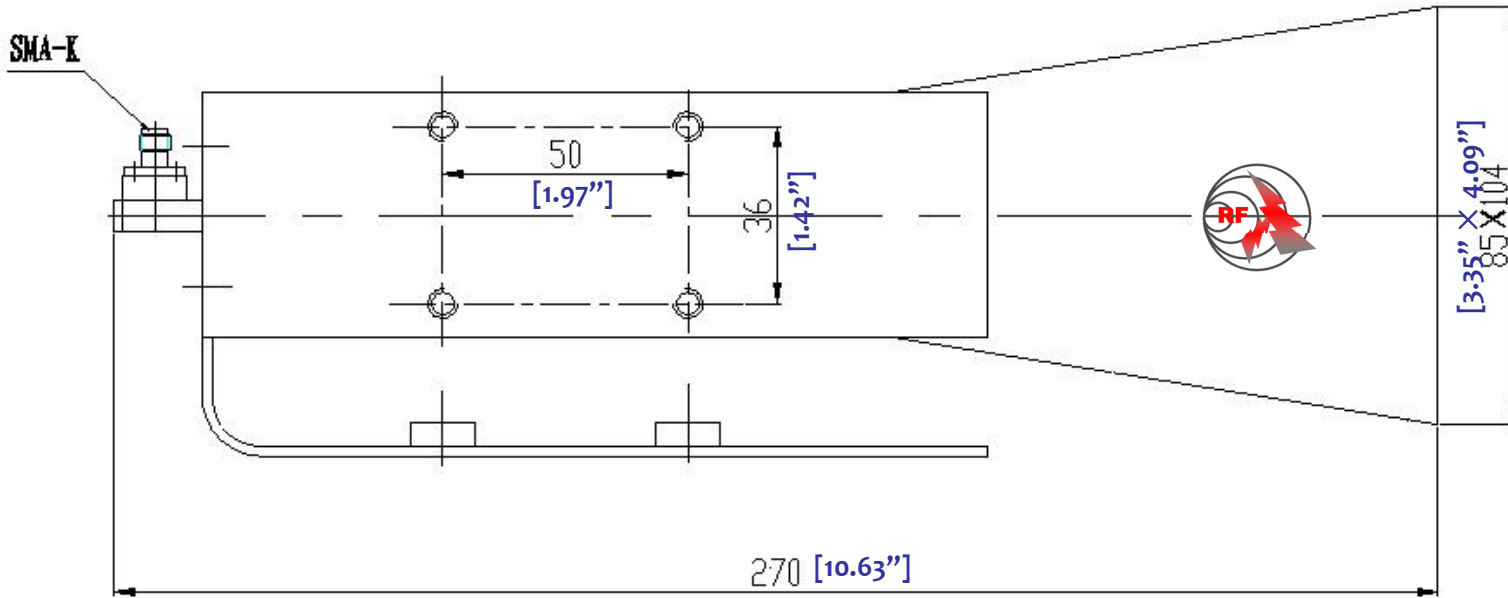


WR42 WAVEGUIDE STANDARD GAIN HORN ANTENNA – RW42HORN24B



1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR42
1.2	Flange type	CPRF, COVER
1.3	Flange Holes	Through
1.4	Basis-material	Brass
1.5	Internal Body Finish	Silver 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~+70°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	18-26.5GHz
3.2	Gain	24.7dB
3.2	VSWR	1.5:1 (max)

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		RF-LAMBDA	RFPC
		CAD MODEL REVISION	11
		ASSEMBLY REVISION	V55DS
 RW42HORN24B WAVEGUIDE HORN ANTENNA		ASSEMBLY NAME	RFLVR05
		DRAWING NUMBER	D05:1
www.rflambda.com		SIZE	LT
RF-LAMBDA		SHEETS	1 OF 1