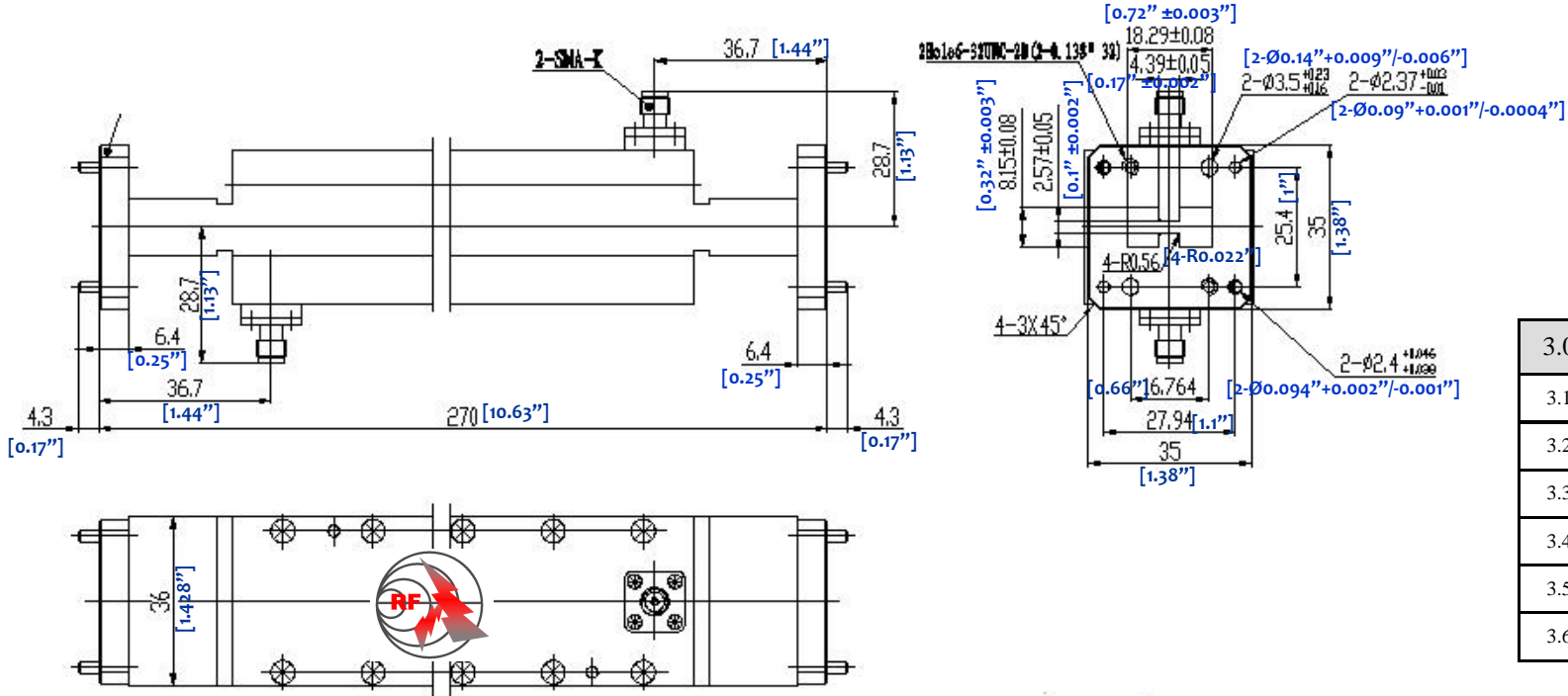



WAVEGUIDE WRD650 DOUBLE RIDGEDIRECTIONAL COUPLER – RWGCP650DRA



3.0	Electrical Specifications	
3.1	Frequency Range	6~18GHz
3.2	Coupling	40dB
3.3	Directivity	18dB min
3.4	VSWR	1.2
3.5	Insertion Loss	0.3dB max.
3.6	Average Power	200W

1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WRD650
1.2	Flange type	CPRG, CPRF, COVER, CHOKE available
1.3	Flange Holes	Through
1.4	Basis-material	Cuprum
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~+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 11msec

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 RWGCP650DA WAVEGUIDE COUPLER		RF-LAMBDA	RFPC
www.rflambda.com		CAD MODEL REVISION	0-4
RF-LAMBDA		ASSEMBLY REVISION	VS2DS
SIZE LT SHEETS 1 OF 1		ASSEMBLY NAME	RFLVR011
		DRAWING NUMBER	D02-1