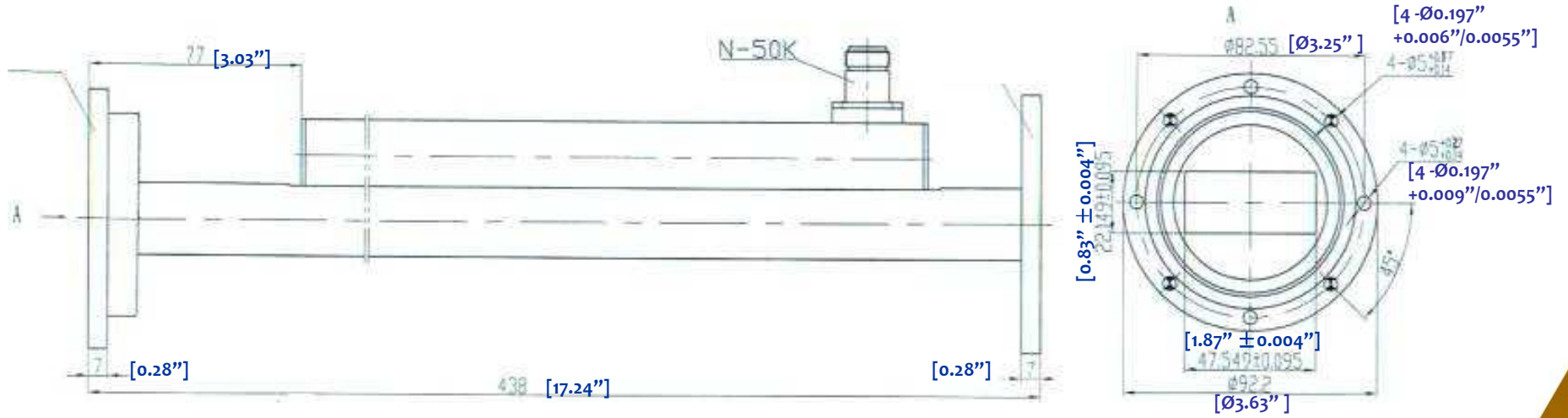



WAVEGUIDE WR187 DIRECTIONAL COUPLER – RWGCP187SB



1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR187
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	Directivity	Peak Power	Average Power	VWSR	∇C
4.5~4.9GHz	60+/-0.5dB	30dB	200KW	6KW	1.07	± 0.2dB

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 RWGCP187SB WAVEGUIDE COUPLER		RF-LAMBDA	RFPC
www.rflambda.com		CAD MODEL REVISION	1-4
RF-LAMBDA		ASSEMBLY REVISION	VS20-3
SIZE LT		ASSEMBLY NAME	RFLVR04
SHEETS		DRAWING NUMBER	D02-5
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