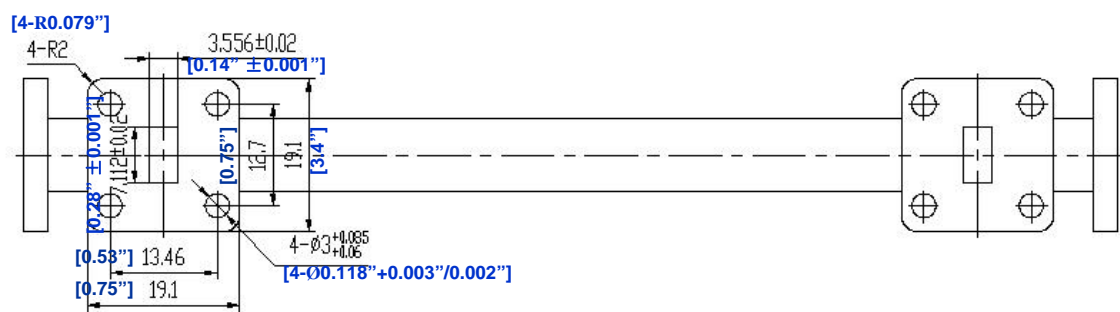
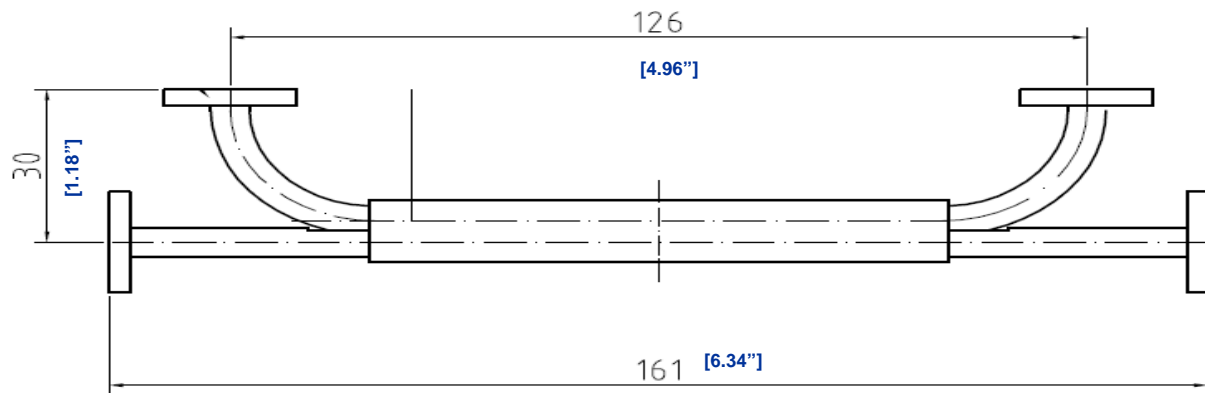


# WAVEGUIDE WR28 DUAL DIRECTIONAL COUPLER -RWGDCP28SA



3.0 Electrical Specifications		
3.1	Frequency Range	26.5~40GHz
3.2	Coupling	10dB
3.3	Directivity	35dB min
3.4	VSWR	1.1
3.5	Insertion Loss	0.30dB max.
3.6	Average Power	50W

1.0 Mechanical Specifications		
1.1	Waveguide type	Rectangular WR28
1.2	Flange type	CPRG, CPRF, COVER, CHOKE available
1.3	Flange Holes	Through
1.4	Basis-material	Alloyed 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 11msec

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<b>RWGDCP28SA</b> <b>WAVEGUIDE COUPLER</b>	DESIGN: RFPC RF-LAMBDA: RFPC CAD MODEL REVISION: I-4 ASSEMBLY REVISION: VS20-3 ASSEMBLY NAME: RFLVR04 DRAWING NUMBER: D02-5
www.rflambda.com	SIZE: LT SHEETS: 1 OF 1