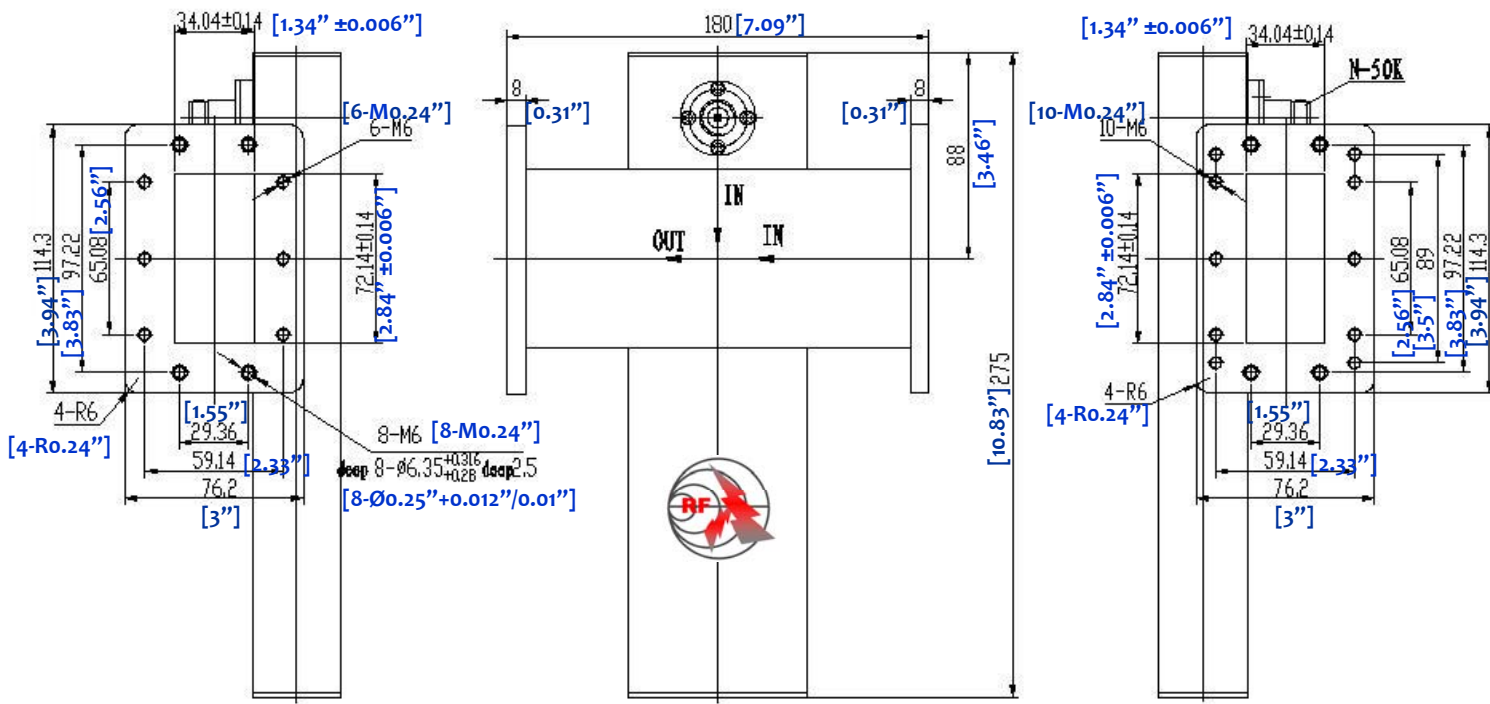


WAVEGUIDE WR284 CROSSGUIDE SINGLE DIRECTIONAL COUPLER -RWGCP284SE




3.0 Electrical Specifications		
3.1	Frequency Range	2.7~3.0GHz
3.2	Coupling	30dB
3.3	Directivity	18dB min
3.4	VSWR	1.15
3.5	Insertion Loss	0.15dB max.
3.6	Average Power	1000W



1.0 Mechanical Specifications		
1.1	Waveguide type	Rectangular WR284
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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 RWGCP284SE 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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