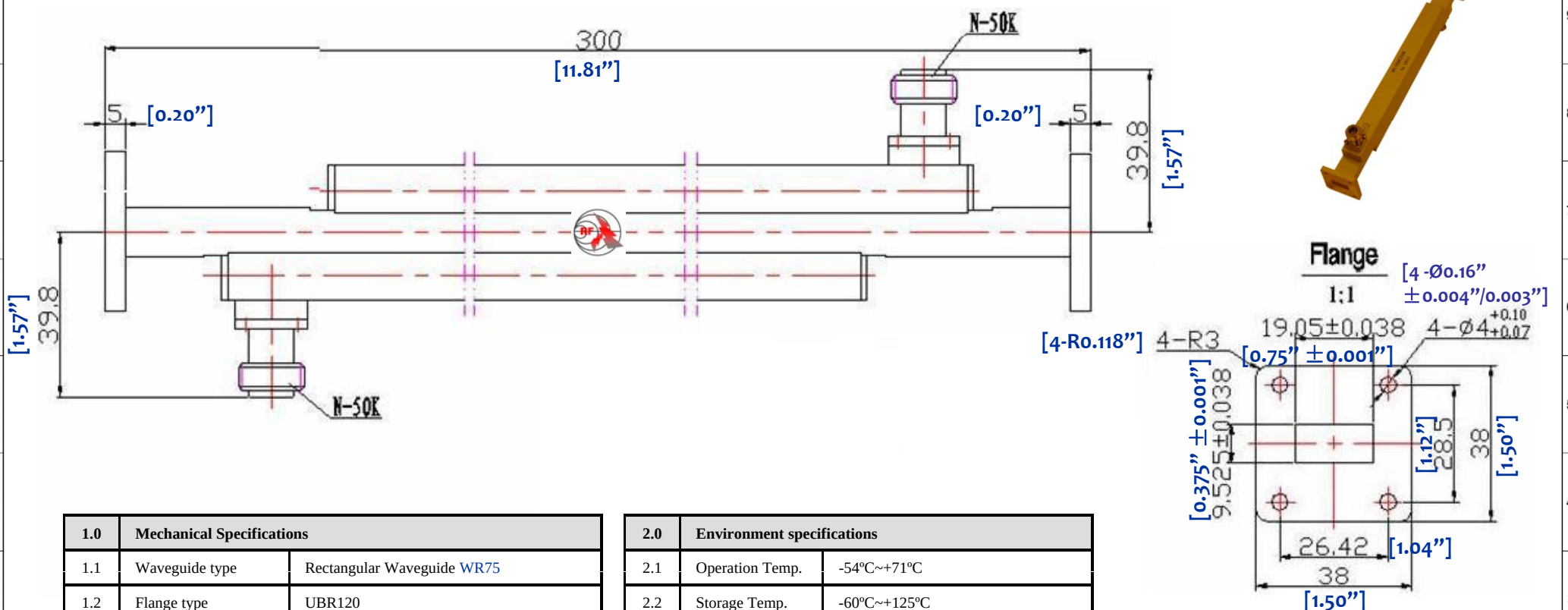


WAVEGUIDE WR75 DIRECTIONAL COUPLER – RWGCP75SA



1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR75
1.2	Flange type	UBR120
1.3	Flange Holes	Through
1.4	Basis-material	Alloyed Aluminum
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.	-54°C~+71°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	Forward Power	Peak Power	Coupling	VSWR (master/2nd)	Insertion Loss	Direction
10GHz~15GHz	200W	4KW	20dB	1.08:1 /1.3 :1 (Max)	0.25dB	35dB

PAGE	OF	DATE
		Apr 18 th 2007
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		RFPC
		RF-LAMBDA
		RFPC
 RWGCP75SA WAVEGUIDE COUPLER		CAD MODEL REVISION
		0-4
		ASSEMBLY REVISION
		VS2DS
www.rflambda.com		ASSEMBLY NAME
		RFLVR011
RF-LAMBDA		DRAWING NUMBER
		D02-1
SIZE	LT	SHEETS
		1 OF 1