


WAVEGUIDE WR90 HIGH DIRECTIVITY COUPLER -RWGCP90SJ

3.0	Electrical Specifications	
3.1	Frequency Range	8.0~10GHz
3.2	Coupling	43dB
3.3	Directivity	28dB min
3.4	VSWR	1.05
3.5	Insertion Loss	0.2dB max.
3.6	Average Power	200W

1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular WR90
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 11msc

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 RWGCP90SJ WAVEGUIDE COUPLER		DESIGN	RFPC
		RF-LAMBDA	RFPC
		CAD MODEL REVISION	1-4
		ASSEMBLY REVISION	VS20-3
www.rflambda.com		ASSEMBLY NAME	RFLVR04
RF-LAMBDA		DRAWING NUMBER	D02-5
SIZE	LT	SHEETS	1 OF 1