



WR90 HIGH POWER 4-PORTS WAVEGUIDE CIRCULATOR – RFWHC90P4GF

1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR90
1.2	Flange type	COVER, CPRF
1.3	Flange Holes	Through
1.4	External Body Finish	Body painted with gray/black epoxy enamel

2.0	Environment specifications	
2.1	Operation Temp.	-45°C~+75°C
2.2	Storage Temp.	-50°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

3.0	Electrical Specifications	
3.1	Frequency Range	8.2~12.4 GHz
3.2	Bandwidth	500MHz (9.0 to 9.5 GHz as shown)
3.3	Max. VSWR	1.18:1
3.4	Insertion Loss	0.30dB
3.5	Isolation	23dB
3.6	Power handle	500W CW
3.7	Peak Power	6KW (8% duty cycle)

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		RF-LAMBDA RFPC
		CAD MODEL REVISION 19
		ASSEMBLY REVISION V552
RF-LAMBDA		ASSEMBLY NAME RFLVR17
SIZE LT		DRAWING NUMBER D05-1
SHEETS 1 OF 1		