

DIRECTIONAL COUPLER


RFDC10G12G10

Electrical Specifications:

Frequency Range:	10GHz~12GHz
Coupling:	10dB
Insertion Loss :	1.0dB
Directivity:	15dB
VSWR:	1.40
Impedance:	50 Ω
Power:	50W (CW)

1.0	Mechanical Specifications	
1.1	Connector	SMA-Female Brass, Nickle Plate
1.2	Connect Pins	Beryllium Copper, Gold Plate
1.3	Housing	Aluminum, Black paint
1.4	Insulators	Ptee, Virgin Electrical grade

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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 RFDC10G12G10 DIRECTIONAL COUPLER		RF-LAMBDA
		RFPC
		CAD MODEL REVISION 08
		ASSEMBLY REVISION VS4A2
www.rflambda.com		ASSEMBLY NAME RFLVR07
RF-LAMBDA		DRAWING NUMBER D05-2
SIZE LT	SHEETS 1	OF 1