


ULTRA WIDE BAND DIRECTIONAL COUPLER

RFDC6G18GXX

1.0 Mechanical Specifications		
1.1	Connector	SMA-Female Brass, Nickel 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.	-65°C~+150°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						
Part Number	Freq. (GHz)	Coupling (dB)	Insertion Loss (dB)	Directivity (dB)	Average Power (W)	VSWR
RFDC6G18G06	6-18	6	0.7	15	50	1.5
RFDC6G18G10	6-18	10	0.6	14	50	1.5
RFDC6G18G15	6-18	15	0.6	12	50	1.5
RFDC6G18G20	6-18	20	0.6	12	50	1.5

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		RF-LAMBDA	RFPC
		CAD MODEL REVISION	08
		ASSEMBLY REVISION	VS4A2
 RFDC6G18GXX DIRECTIONAL COUPLER		ASSEMBLY NAME	RFLVR07
		DRAWING NUMBER	D05-2
www.rflambda.com		SIZE	LT
RF-LAMBDA		SHEETS	1 OF 1