

0.01-18GHz COAXIAL POWER DETECTOR PN: RPDT0018GA

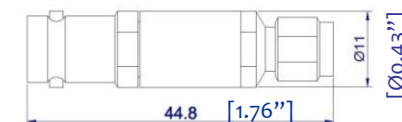
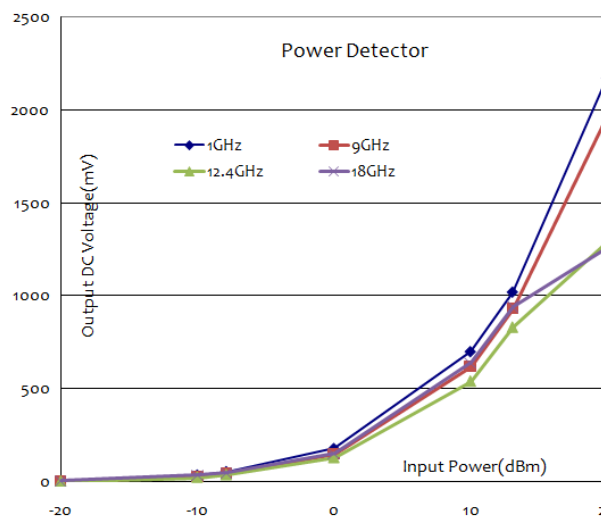
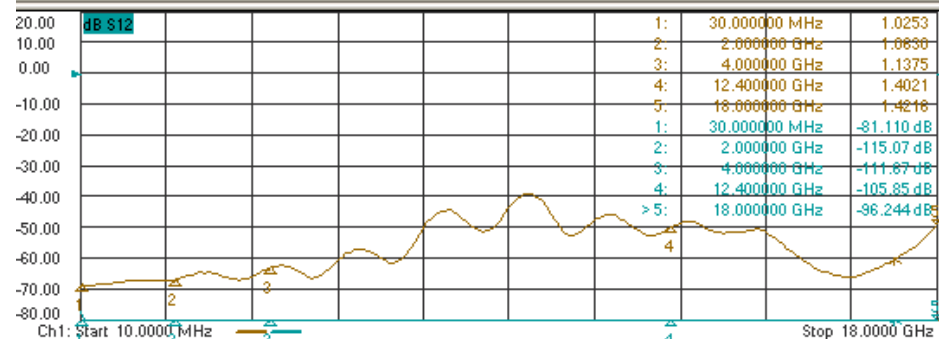
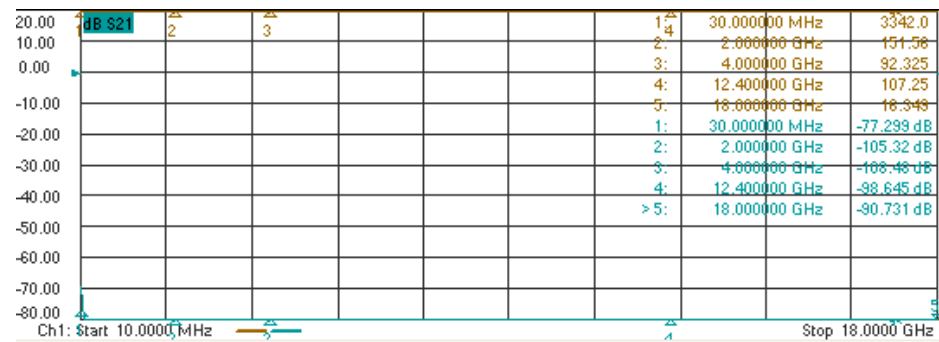



Frequency	Sensitivity (mV/uW)
10MHz	1.81
100MHz	1.82
500MHz	1.79
1GHz	1.76
2GHz	1.73
3GHz	1.73
4GHz	1.70
5GHz	1.67
6GHz	1.62
7GHz	1.63
8GHz	1.59
9GHz	1.58
10GHz	1.53
11GHz	1.50
12GHz	1.53
13GHz	1.52
14GHz	1.57
15GHz	1.55
16GHz	1.53
17GHz	1.55
18GHz	1.60

1.0 Mechanical Specifications		
1.1	Connector Type	SMA(M)-BNC(F) (Standard) N (M) – BNC (F) (Option)
1.2	Size	Ø11×44.8mm Ø0.43"×1.76"
1.3	Weight	10g
1.4	External Finish	Nickel Plating

2.0 Environment specifications		
2.1	Operation Temp.	-20°C~+55°C
2.2	Storage Temp.	-55°C~+125°C
2.3	Altitude	42000 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
2.7	Cooling	FAN required for long time operation

3.0 Electrical Specifications			
Frequency (GHz)	Power (W)	Polarity	VSWR (max.)
0.01~18	0.1	Positive / Negative	1.8



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 RPDT0018GA COAXIAL POWER DETECTOR	
DESIGN RFPC	CAD MODEL REVISION 10
RF-LAMBDA RFPC	ASSEMBLY REVISION V52
ASSEMBLY NAME RFLV07	DRAWING NUMBER D05-A
www.rflambda.com	SIZE LT SHEETS 1 OF 1