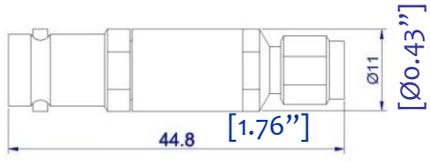
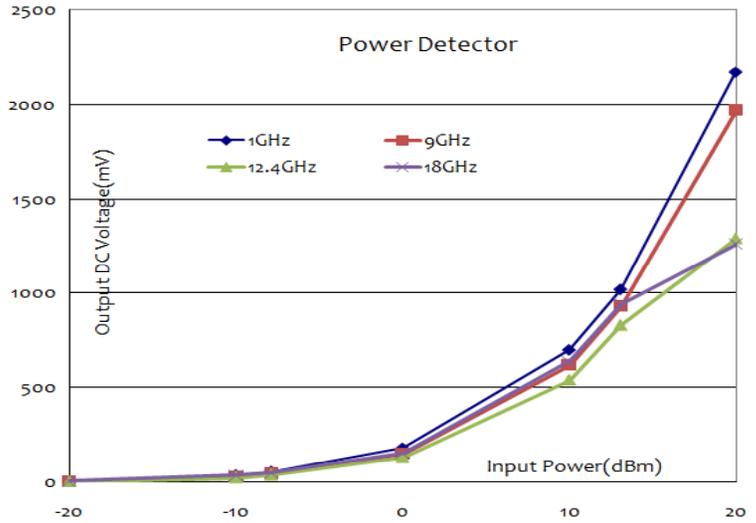
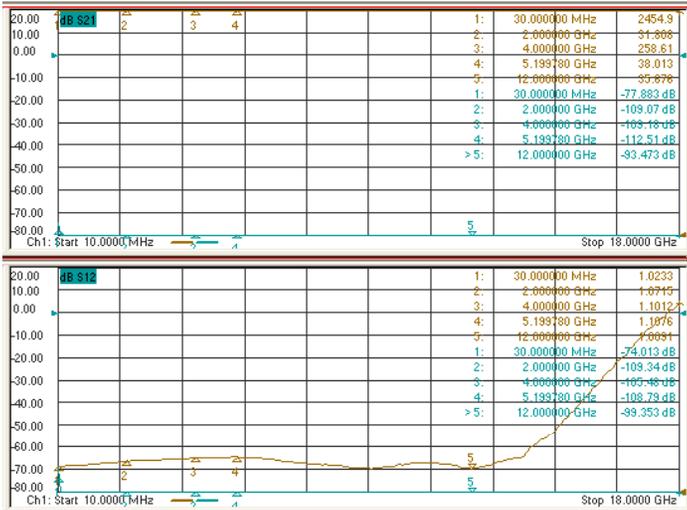


0.01-12GHz COAXIAL POWER DETECTOR

PN: RPDT0012GA

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" X 1.76"
1.3 Weight	10g
1.4 External Body Finish	Body painted with gray/black epoxy enamel
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

Statistic	Avg
VSWR	1.17
Frequency	Sensitivity (mV/uW)
10MHz	2.09
100MHz	2.05
500MHz	2.06
1GHz	2.05
2GHz	2.04
3GHz	2.04
4GHz	2.04
5GHz	2.02
6GHz	2.01
7GHz	2.03
8GHz	2.06
9GHz	2.05
10GHz	2.05
11GHz	2.06
12GHz	2.14



3.0 Electrical Specifications			
Frequency (GHz)	Power (W)	Polarity	VSWR (max.)
0.01~12	0.1	Positive / Negative	1.5

PAGE 1 OF 1	DATE Apr 6 th 2008
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 RPDT0012GA COAXIAL POWER DETECTOR	RF-LAMBDA RFPC
www.rflambda.com	CAD MODEL REVISION 10
SIZE LT	ASSEMBLY REVISION VS52
SHEETS 1 OF 1	ASSEMBLY NAME RFLR07
	DRAWING NUMBER D05-A