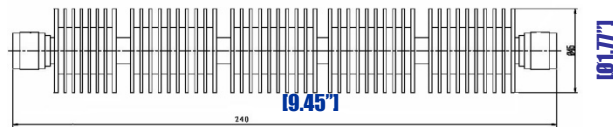
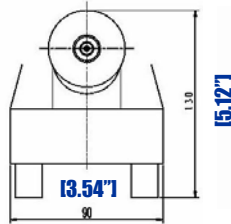
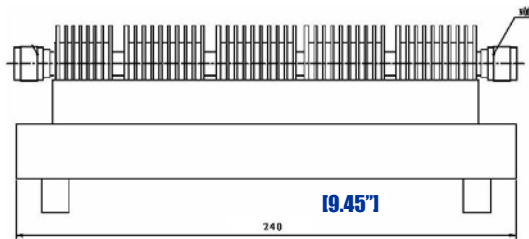
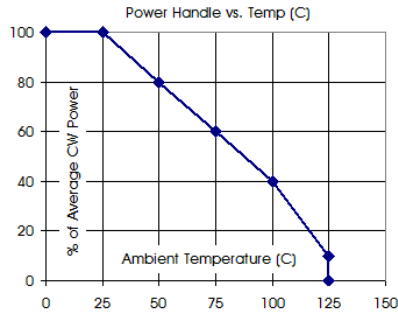


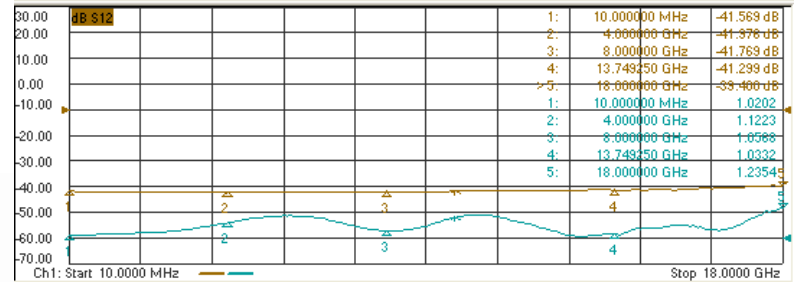
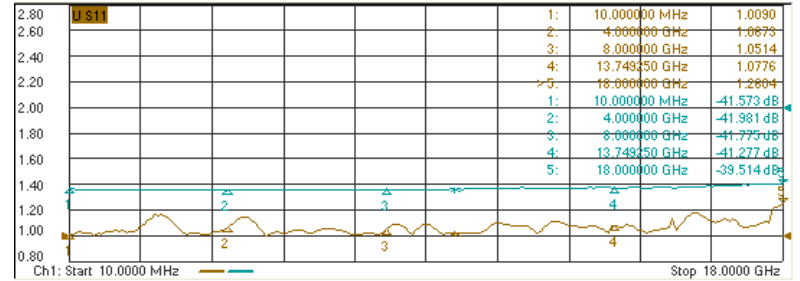
100W HIGH POWER FIXED ATTENUATOR--- RFS100GXXB



2.0 Environment specifications		
2.1	Operation Temp.	-40°C~+85°C
2.2	Storage Temp.	-55°C~+125°C
2.3	Altitude	41500 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									
PN	Frequency (GHz)	VSWR (max.)	Attenuation Accuracy (dB)				Power (CW)	Peak Power (KW)	
			10	20	30	40~50			
RFS100G12B	DC-12.4GHz	1.40	-0.2/+1.5	±1.5	±1.2	±1.2	100	1KW 5% 5us	
RFS100G18B	DC-18GHz	1.50	-2.0/+2.5	-1.5/+2.5	-1.2/+2.0	-0.5/+2.0	100	1KW 5% 5us	

Passive Inter-modulation (IM3) -100dBc Two Tone 1MHz offset 1GHz 43dBm each



1.0 Mechanical Specifications		
1.1	Connector	N (Male or Female)
1.2	Size	A:φ45mm × 240mm; B:240mm × 90mm × 130mm
1.3	Weight	A:750g B:1420g
1.4	External Finish	Body painted wepoxy enamel

PAGE 1 OF 1

DATE: Sep 2nd 1506

DESIGN: RFLAMBDA

PROPRIETARY INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF RFLAMBDA EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY RFLAMBDA. THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN THE WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION OF ALL THIRD PARTIES AND SHALL USE SAME FOR OPERATING AND MAINTENANCE PURPOSES ONLY.

RFS100GXXB
HIGH POWER
ATTENUATOR

CAD MODEL REVISION: 10

ASSEMBLY REVISION: VS2

ASSEMBLY NAME: RFLV07

DRAWING NUMBER: 005-A

www.rflambda.com

SIZE: IT SHEETS: 1 OF 1