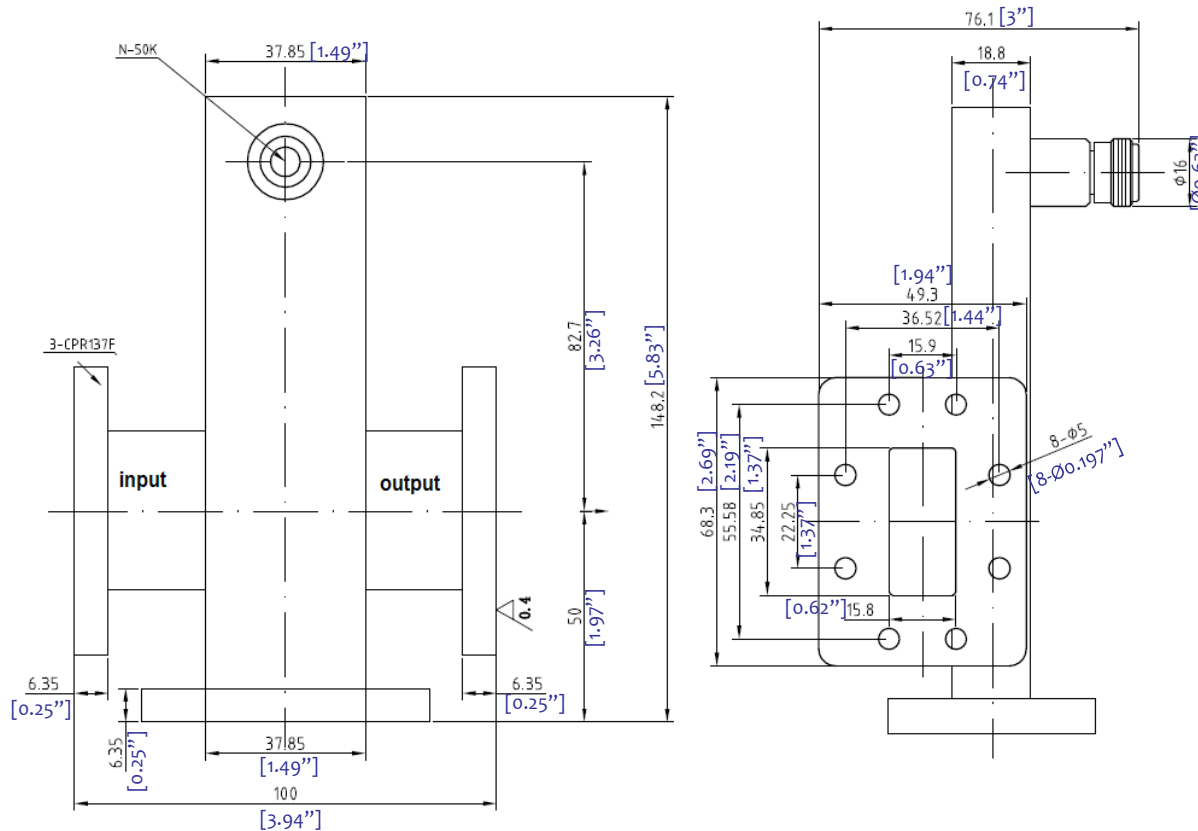


WAVEGUIDE WR137 CROSSGUIDE DIRECTIONAL COUPLER

-RWGCP137SC



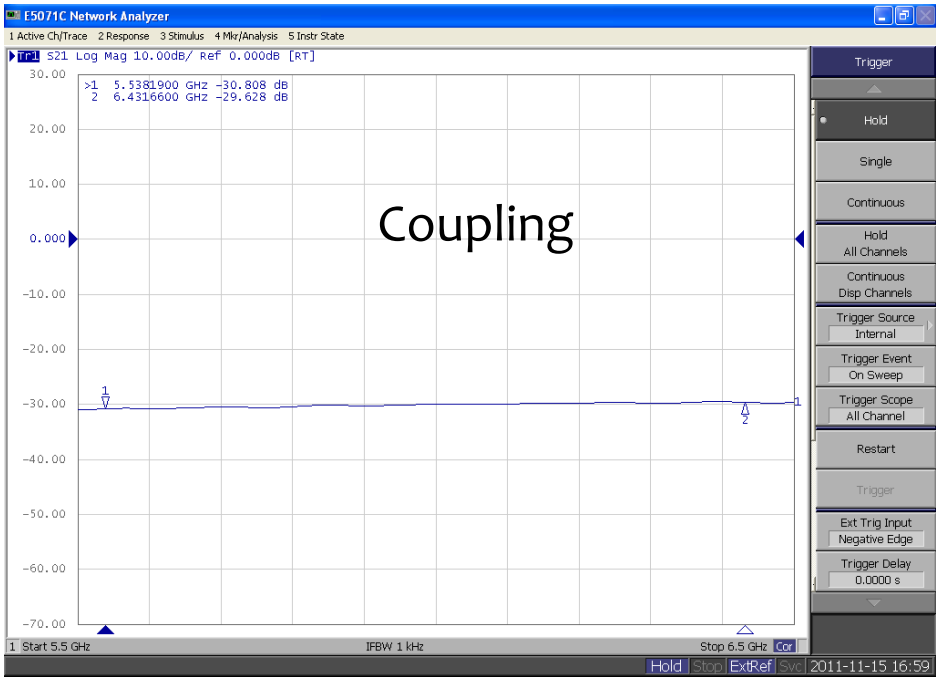
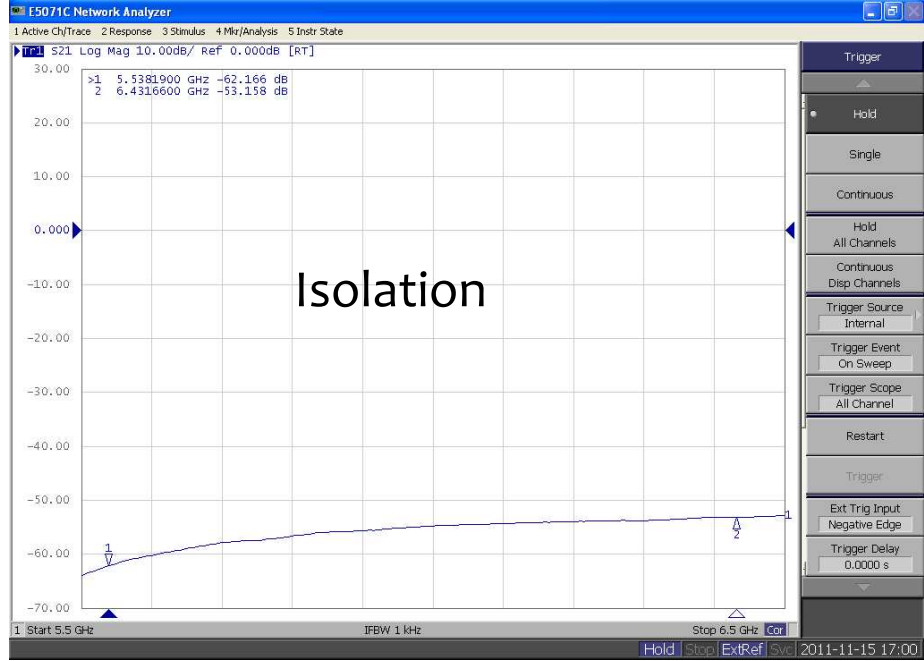
3.0	Electrical Specifications	
3.1	Frequency Range	6.06~6.30GHz
3.2	Coupling	17+/-1.0dB
3.3	Directivity	20dB min
3.4	VSWR	1.2
3.5	Insertion Loss	0.2dB max.
3.6	Average Power	3000W

Testing plot next page

1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular CrossGuide WR137
1.2	Flange type	CPRG, CPRF, COVER, CHOKE available
1.3	Flange Holes	Through
1.4	Basis-material	Alloyed Cuprum
1.5	Internal Body Finish	Plated chromate or conversion
1.6	External Body Finish	Body painted with gray/black epoxy enamel

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

PAGE	OF	DATE
		Jul 9 th 2008
PROPRIETARY INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF RF-LAMBDA EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITINGS BY RF-LAMBDA. 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		DESIGN
		RFPC
		RF-LAMBDA
		RFPC
 RWGCP137SC WAVEGUIDE COUPLER		CAD MODEL REVISION
		1-4
		ASSEMBLY REVISION
		VS20-3
www.rflambda.com RF-LAMBDA		ASSEMBLY NAME
		RFLVR04
SIZE LT		DRAWING NUMBER
		D02-5
SHEETS 1 OF 1		



PAGE OF		DATE	Jul 9 th 2008
PROPRIETARY INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF RF-LAMBDA EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITINGS BY RF-LAMBDA. 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.		DESIGN	RFPC
		RF-LAMBDA	RFPC
		CAD MODEL REVISION	1-4
		ASSEMBLY REVISION	VS20-3
 RWGCP137SC WAVEGUIDE COUPLER		ASSEMBLY NAME	RFLVR04
		DRAWING NUMBER	D02-5
www.rflambda.com		SIZE LT	SHEETS
RF-LAMBDA		1	OF 1