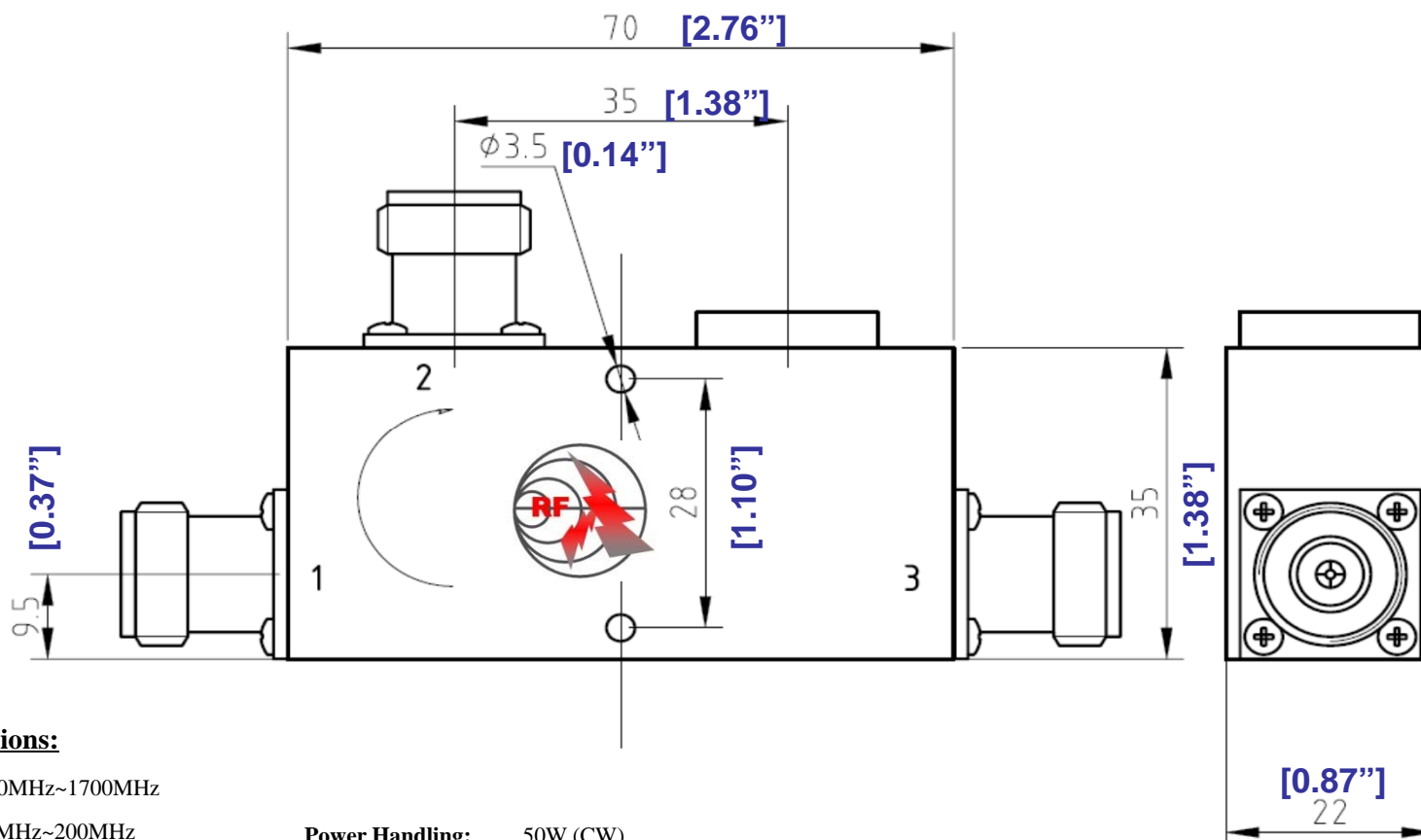


RFLC-216-2 DUAL JUNCTION CIRCULATOR



Electrical Specifications:

Frequency Range: 600MHz~1700MHz

Function Bandwidth: 50MHz~200MHz

Insertion Loss: 0.5dB max (1->2)

1.0dB max (2->3)

Isolation: 50dB min (3->2)

25dB min (2->1) (1->3)

VSWR: 1.25 : 1

Operational Temp. Range: -40°C~+85°C

Storage Temp. Range: -55°C~+125°C

Power Handling: 50W (CW)

Peak Power: 4000W (2us power width)

Internal Load Power: 20W (CW)

Interface: N-Female


Altitude: 35,000 feet Compressed Environment

Environmental Standard:

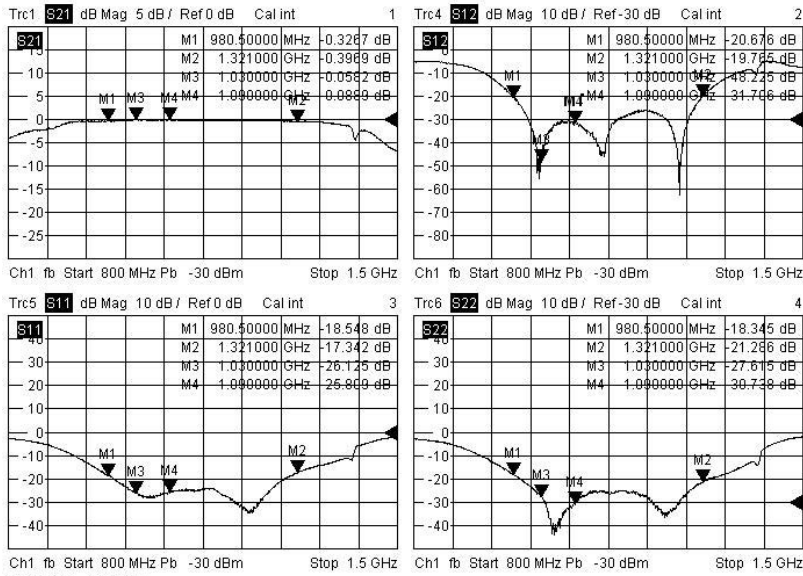
MIL-STD-810D, MIL-STD-461C

Weight: 0.30kg

Testing Plot next Page

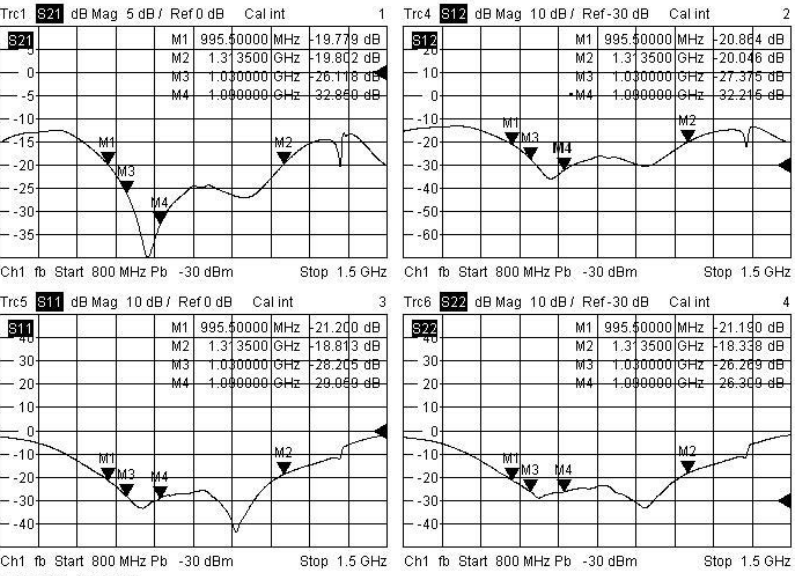
PAGE 1 OF 1		DATE	Dec 19 th 2005
<small>PROPRIETARY INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF RF-LAMBDA EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITINGS BY RF-LAMBDA. THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN THE WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION OF ALL THIRD PARTIES AND SHALL USE SAME FOR OPERATING AND MAINTENANCE PURPOSES ONLY</small>		DESIGN	RFPC
		RF-LAMBDA ASSEMBLY NAME	RFPC
 RFLC-216-2 CIRCULATOR		CAD MODEL REVISION	01
		ASSEMBLY REVISION	VS12
		ASSEMBLY NAME	RFLVR45
www.rflambda.com		DRAWING NUMBER	D05-4
RF-LAMBDA	SIZE LT	SHEETS 1 OF 1	

Port 1 → 2



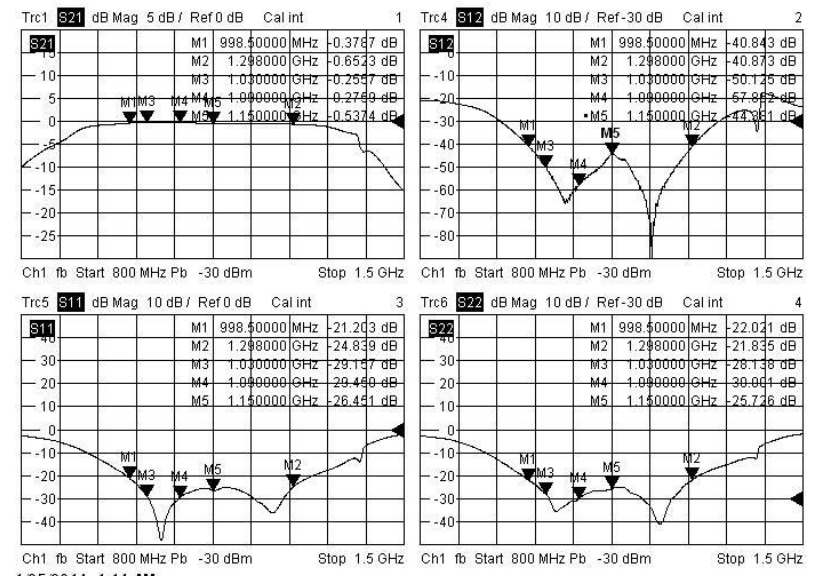
1/25/2014, 1:12 AM

Port 3 → 1




1/25/2014, 1:24 AM

Port 2 → 3



1/25/2014, 1:14 AM

Typical Performance for Unit special tuned to 1030-1090MHz

PAGE 1 OF 1		DATE	Dec 19 th 2005
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www.rflambda.com		SIZE	SHEETS
RF-LAMBDA		LT	1 OF 1