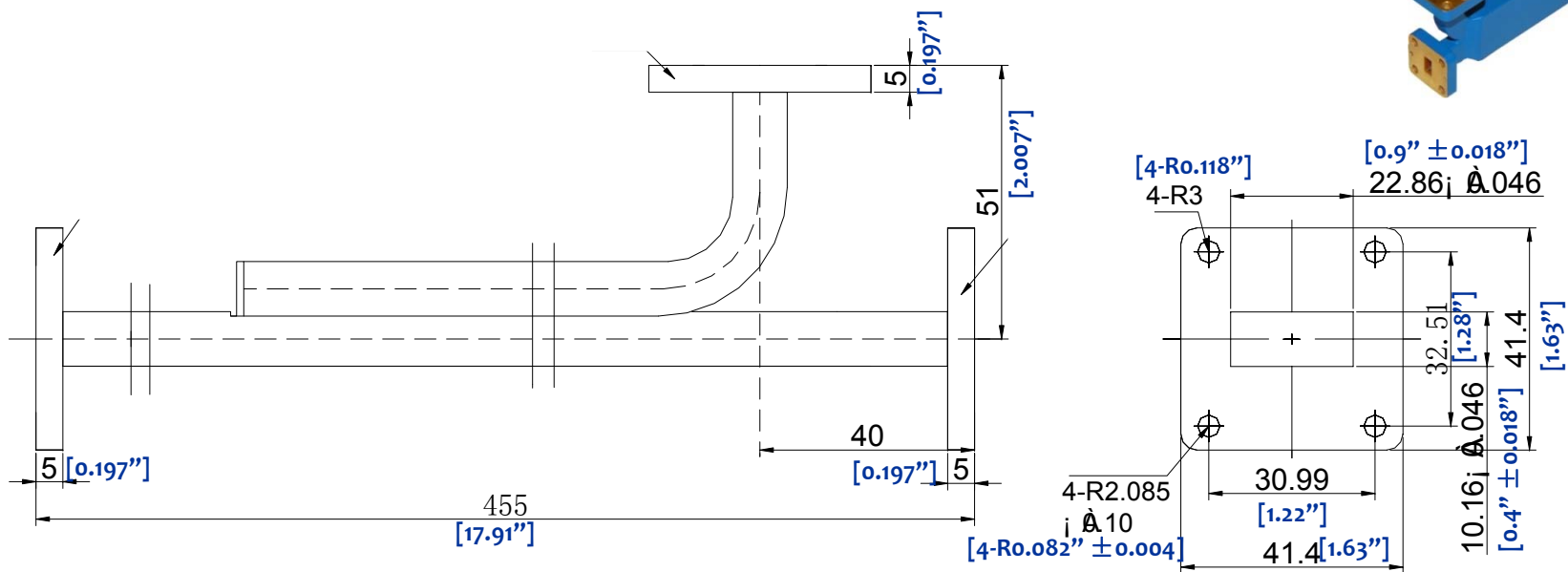


WAVEGUIDE WR28 DIRECTIONAL COUPLER – RWGCP28SC



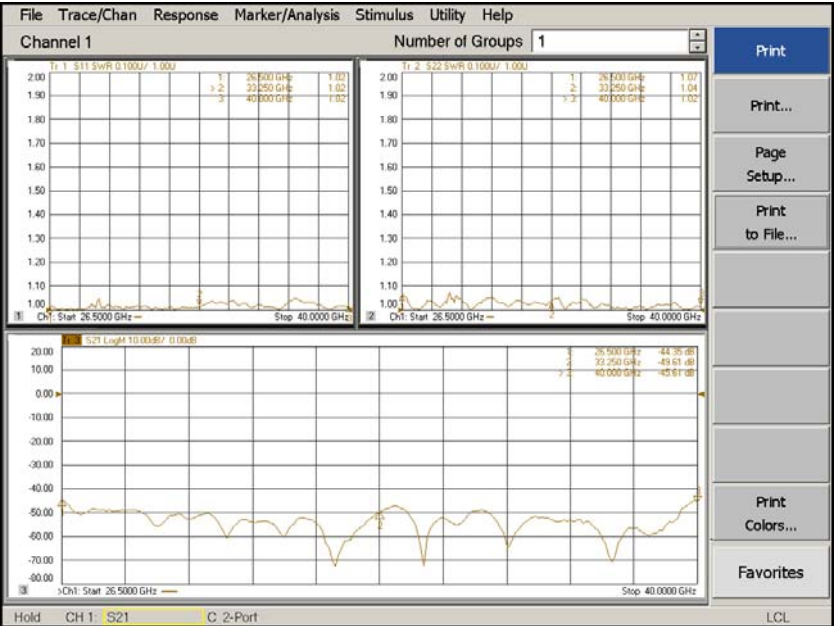
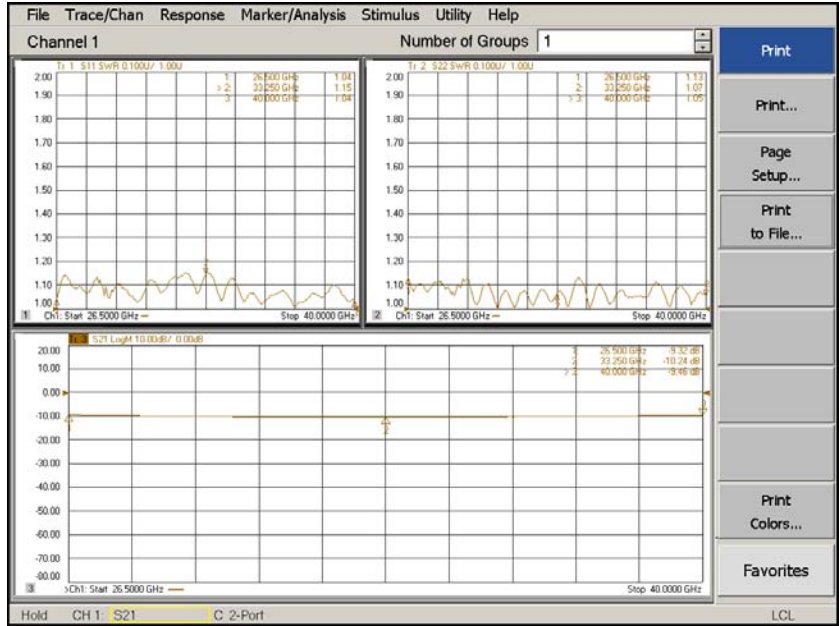
1.0	Mechanical Specifications	
1.1	Waveguide type	Rectangular Waveguide WR28
1.2	Flange type	CPRG, CPRF, COVER, CHOKE available
1.3	Flange Holes	Through
1.4	Basis-material	Cuprum
1.5	Internal Body Finish	Silver Plated chromate or conversion
1.6	External Body Finish	Body painted with gray/black epoxy 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 11msec

Electrical Specifications						
Frequency Range	Forward Power	Peak Power	Coupling	VSWR (master)	VSWR (2 nd Line)	Direction
26.5-40.0GHz	20W (CW)	1kW (8us pulse)	10dB	1.10:1(Max)	1.25:1(Max)	30dB

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		RFPC
		RF-LAMBDA
		RFPC
 RWGCP28SC WAVEGUIDE COUPLER		CAD MODEL REVISION
		0-4
		ASSEMBLY REVISION
		VS2DS
www.rflambda.com RF-LAMBDA		ASSEMBLY NAME
		RFLVR011
SIZE LT		DRAWING NUMBER
		D02-1
SHEETS 1 OF 1		

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