

Product:0.5-12Ghz 32 Way power divider

Part Number: LPD-0.5/12-32S



Specification					
No.	Parameter	Minimum	Typical	Maximum	Units
1	Frequency range	0.5	-	12	GHz
2	Insertion Loss	-	-	6	dB
3	Phase Balance:	-	-	±10	dB
4	Amplitude Balance	-	-	±0.8	dB
5	Isolation			17	dB
6	VSWR		-	1.7(IN) 1.3(OUT)	-
7	Power as divider			20	W cw
8	Power as combiner			2	W cw
9	Operating Temperature Range	-40	-	+85	°C
10	Impedance	-	50	-	Ω
11	Connecter	SMA-F			
12	Preferred finish	Black/Sliver/yellow/blue			

Remarks:

1. Not include Theoretical loss 15 db
2. Power rating is for load vswr better than 1.20:1

Environmental Specifications	
Operational Temperature	-40°C~+85°C
Storage Temperature	-50°C~+105°C
Vibration	25gRMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35°C, 95%RH at 40°C
Shock	20G for 11msec half sine wave, 3 axis both directions
Mechanical Specifications	
Housing	Aluminum
Connector	Ternary alloy
Female Contact:	gold plated beryllium brass
Rohs	compliant
Weight	1 kg

Outline Drawing:

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Add: 中国 成都市成华区华翰路 89 号 610000

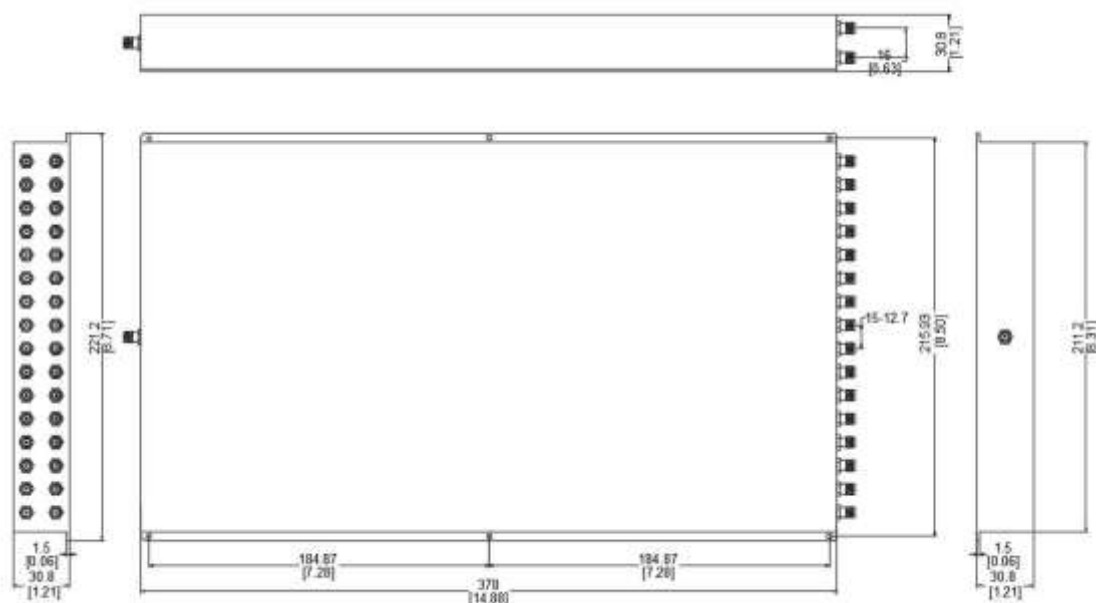
No.89,Huahan Road, chenghua Zone Chengdu, Sichuan China Zip Code:610000

All Dimensions in mm

Outline Tolerances $\pm 0.5(0.02)$

Mounting Holes Tolerances $\pm 0.2(0.008)$

All Connectors: SMA-Female



TEST DATA

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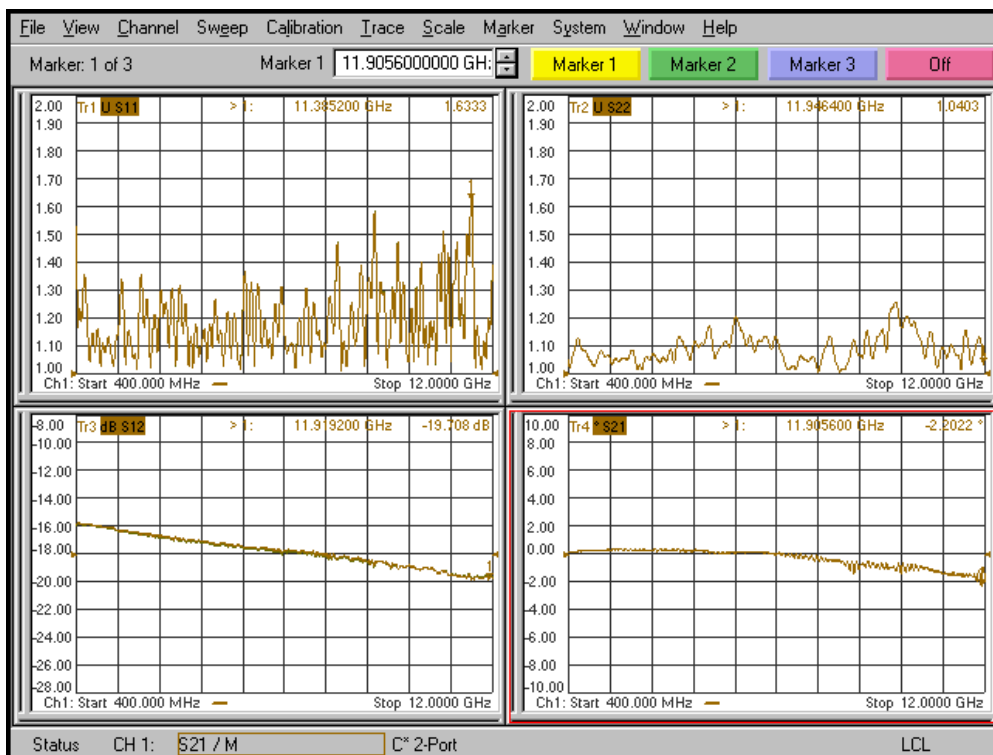
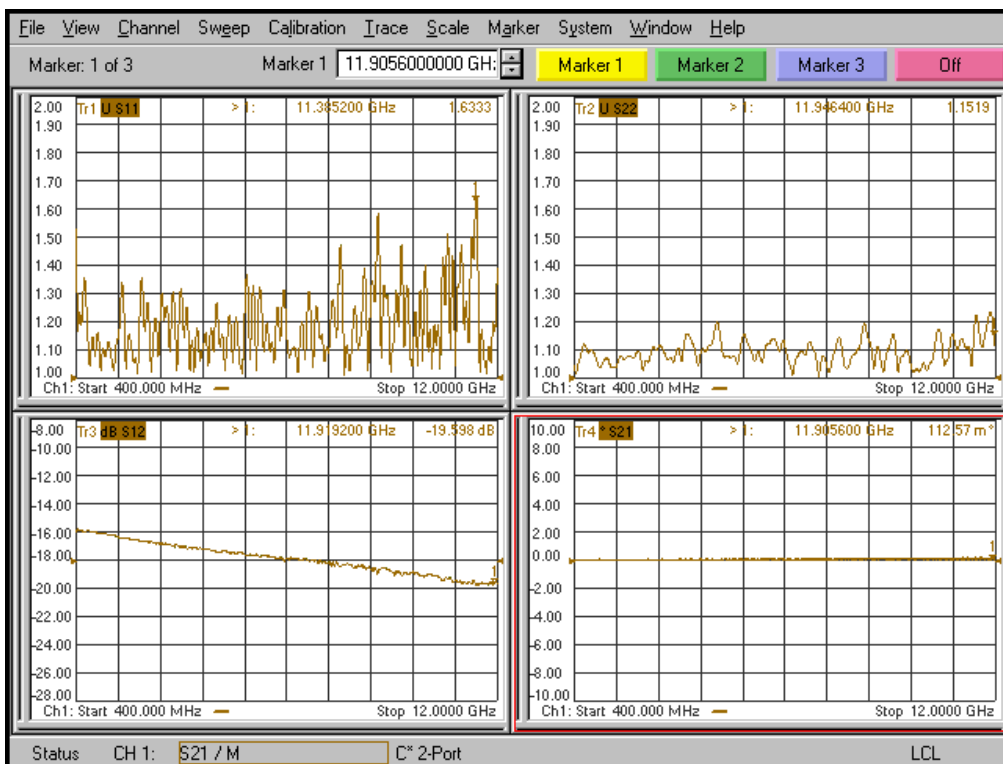
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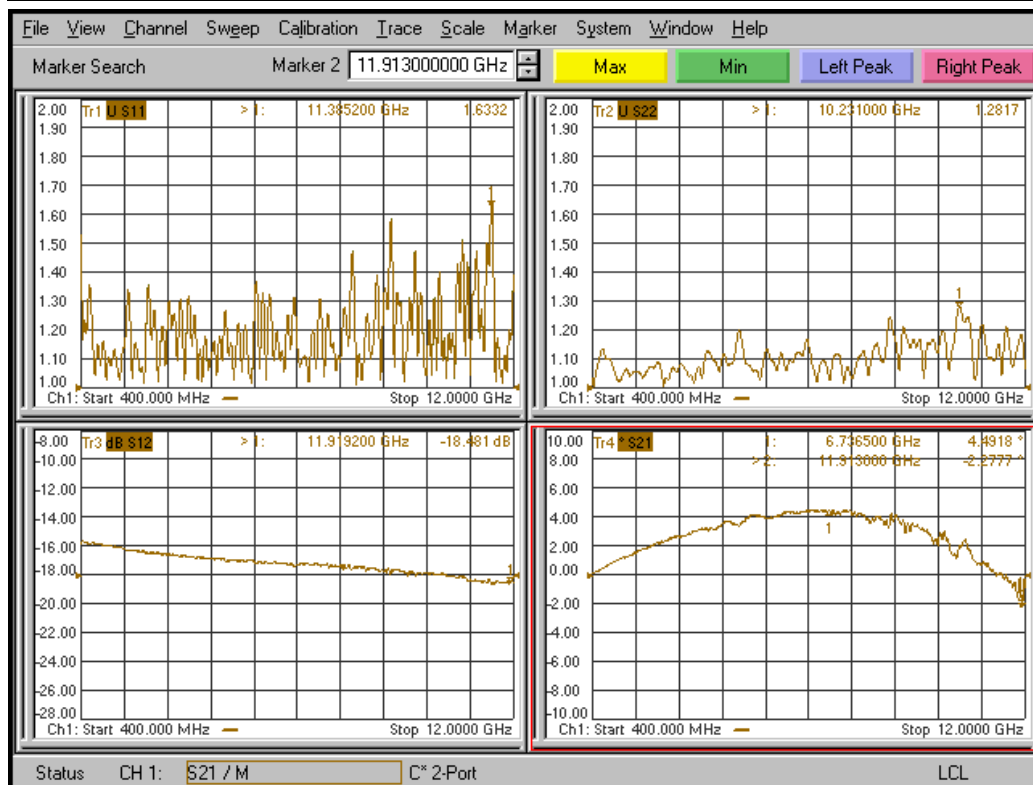
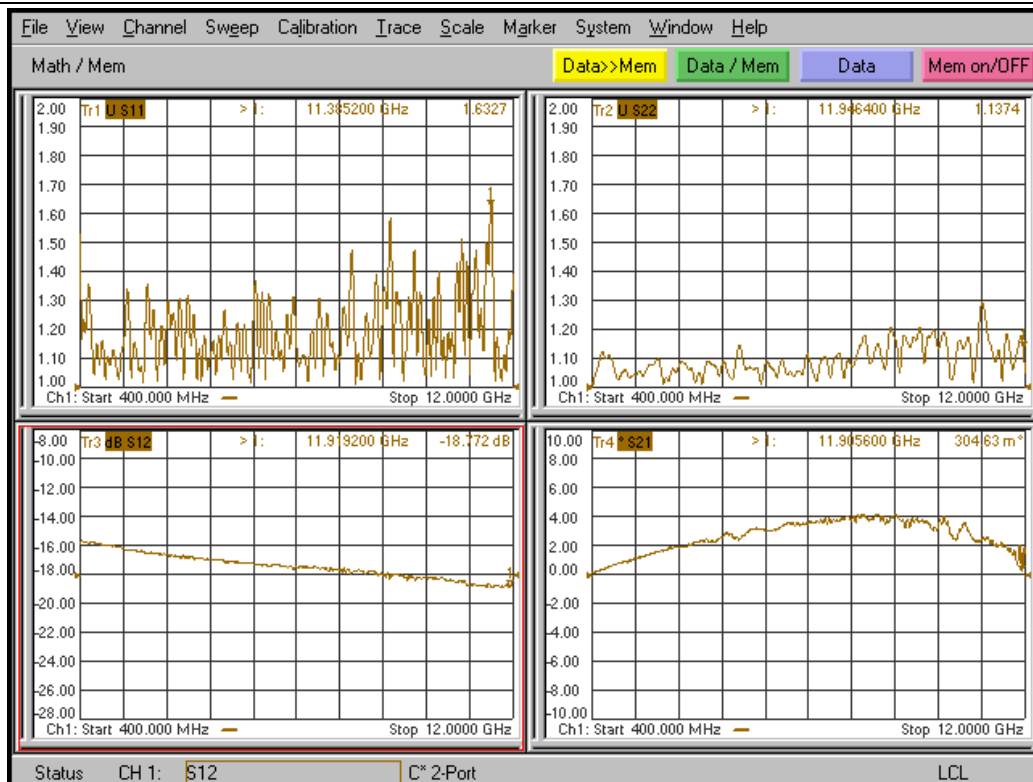
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