

Product: 0.1-2Ghz 8 Way power divider

Part Number: LPD-0.1/2-8S



Specification					
No.	Parameter	Minimum	Typical	Maximum	Units
1	Frequency range	0.1	-	2	GHz
2	Insertion Loss	-	-	≤3.2 dB	dB
3	Phase Balance:	-	-	±4	dB
4	Amplitude Balance	-	-	±0.3	dB
5	Isolation	18			dB
6	VSWR		-	1.4(IN),1.3(OUT)	-
7	Power			100	W cw
8	Reverse power			3	W
9	Operating Temperature Range	-40	-	+85	°C
10	Impedance	-	50	-	Ω
11	Connector	SMA-F			
12	Preferred finish	Yellow conductive oxidation			

**Remarks:**

1. Not include Theoretical loss 9 dB 2.Power rating is for load vswr better than 1.20:1
3. The frequency of this product is very low, the insertion loss is quite large, and it is designed with a heat sink. If the temperature exceeds 80 degrees in use, it needs to add heat dissipation Fans help cool the product

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	nickel plated brass
Female Contact:	gold plated beryllium brass
Rohs	compliant
Weight	1kg

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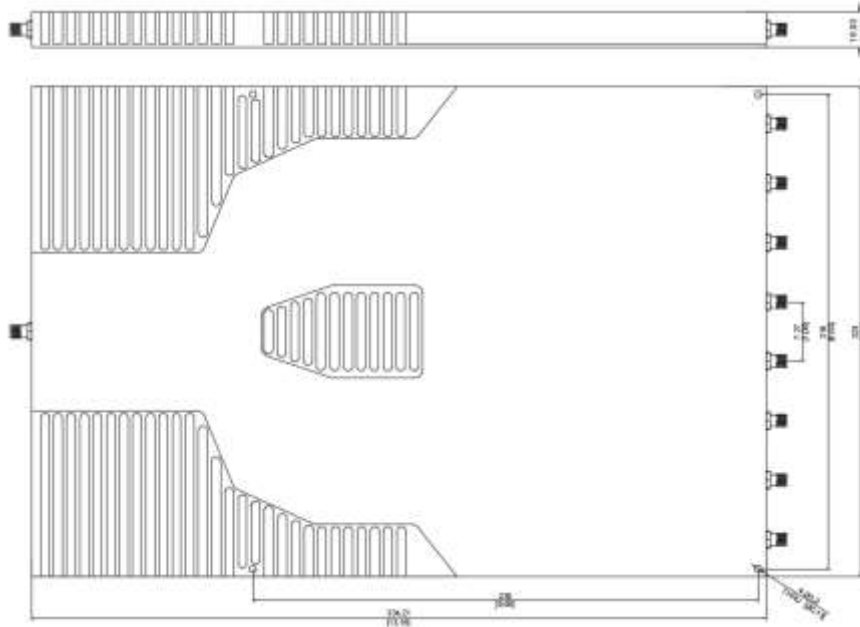
## Outline Drawing:

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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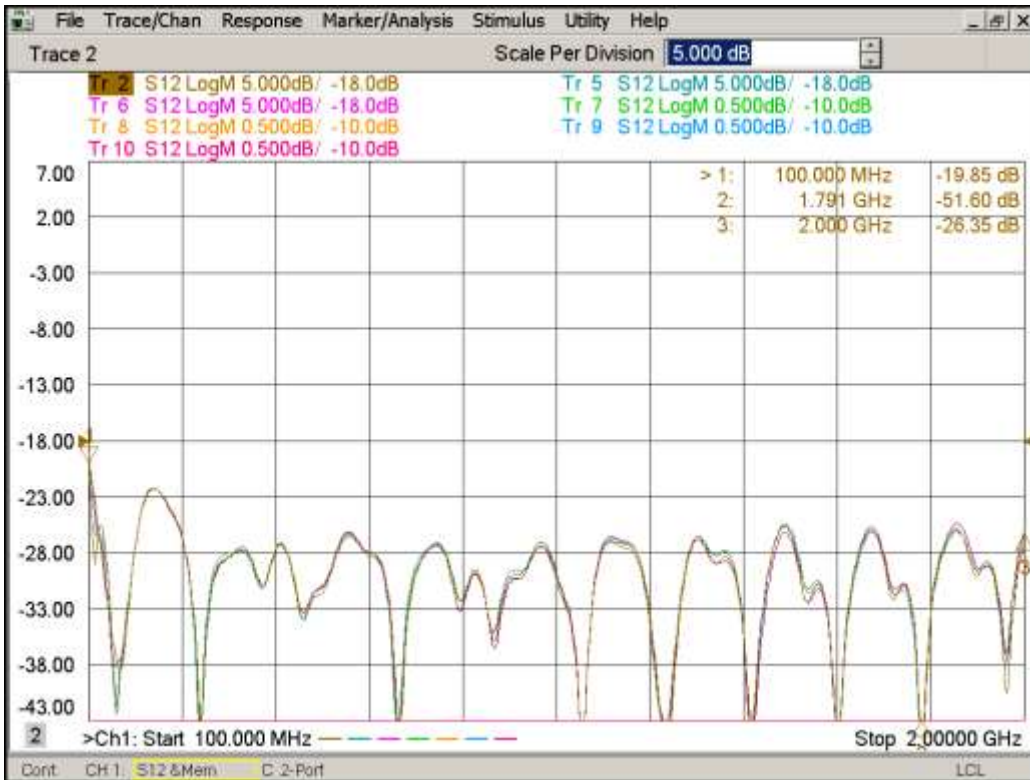
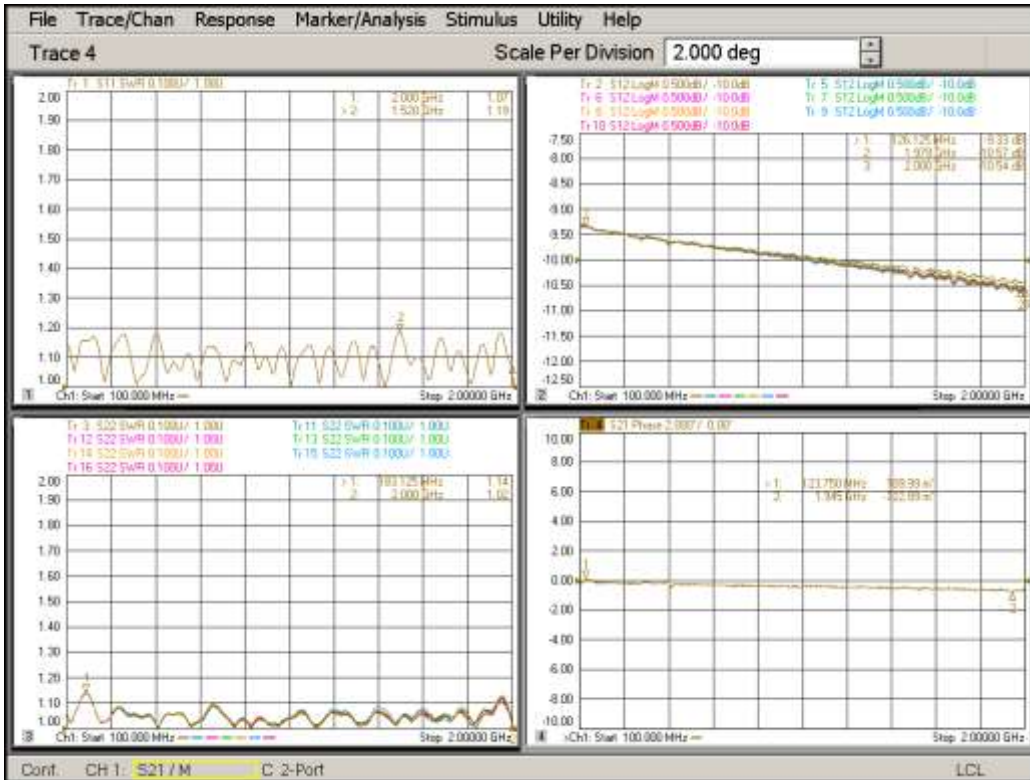
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