

Product: 0.4-6Ghz 12 Way power divider

Part Number: LPD-0.4/6-12S



Specification					
No.	Parameter	Minimum	Typical	Maximum	Units
1	Frequency range	0.4	-	6	GHz
2	Insertion Loss		-	≤4.5	dB
3	Phase Balance:	-	-	±12	dB
4	Amplitude Balance	-	-	±1	dB
5	Isolation	≥15(500-6000Mhz) ≥13dB (400-500Mhz)			dB
6	VSWR		-	1.6	-
7	Power			18	W cw
8	Operating Temperature Range	-40	-	+85	°C
9	Impedance	-	50	-	Ω
10	Connector	SMA-F			
11	Preferred finish	Black/Sliver/yellow/blue			

**Remarks:**

1. Not include Theoretical loss 10.79 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	Gold-plated copper
Female Contact:	gold plated beryllium brass
Rohs	compliant
Weight	0.6kg

**Outline Drawing:**

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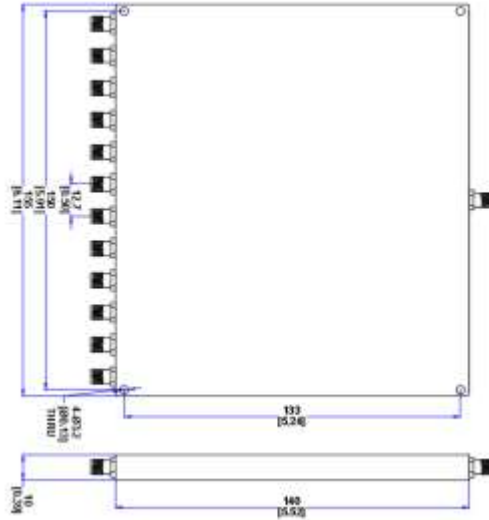
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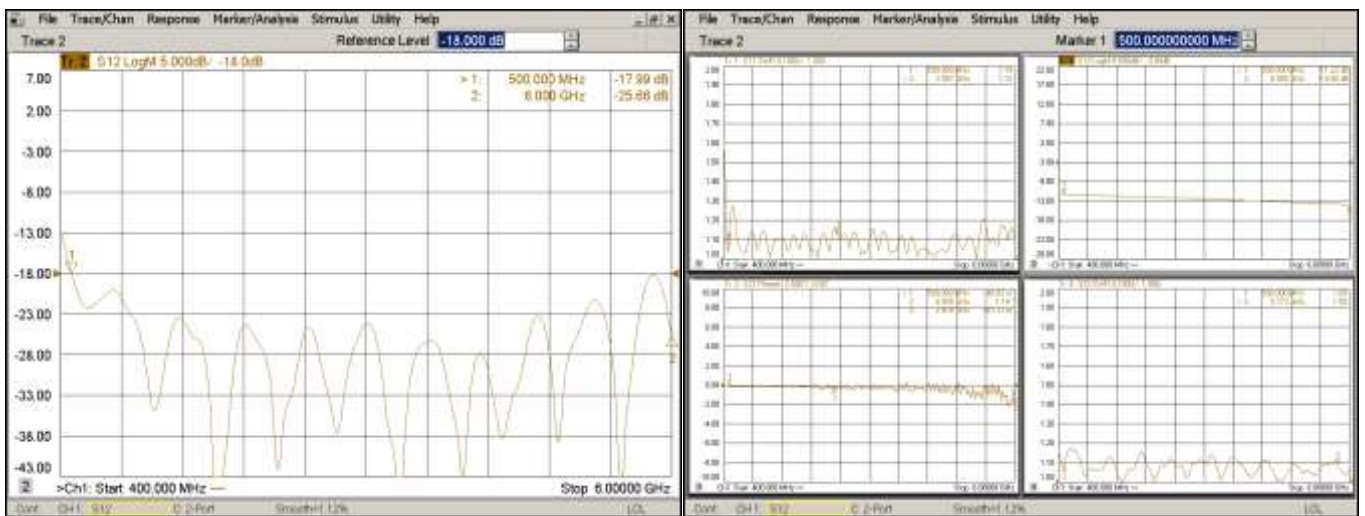
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All Dimensions in mm  
Outline Tolerances  $\pm 0.5(0.02)$   
Mounting Holes Tolerances  $\pm 0.2(0.008)$   
All Connectors: SMA-Female



TEST DATA



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