

Product: 5-18Ghz 10 Way power divider

Part Number: LPD-5/18-10S



Specification					
No.	Parameter	Minimum	Typical	Maximum	Units
1	Frequency range	5	-	18	GHz
2	Insertion Loss	-	-	3.8	dB
3	Amplitude Balance	-	-	±1.8	dB
4	Isolation	10			dB
5	VSWR		-	2.0	
6	Power			10	W cw
7	Operating Temperature Range	-40	-	+85	°C
8	Impedance	-	50	-	Ω
9	Connector	SMA-F			
10	Preferred finish	Yellow conductive oxidation			

**Remarks:**

1. Not include Theoretical loss 10 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	0.25kg

**Outline Drawing:**

All Dimensions in mm

Outline Tolerances ± 0.5(0.02)

Mounting Holes Tolerances ±0.2(0.008)

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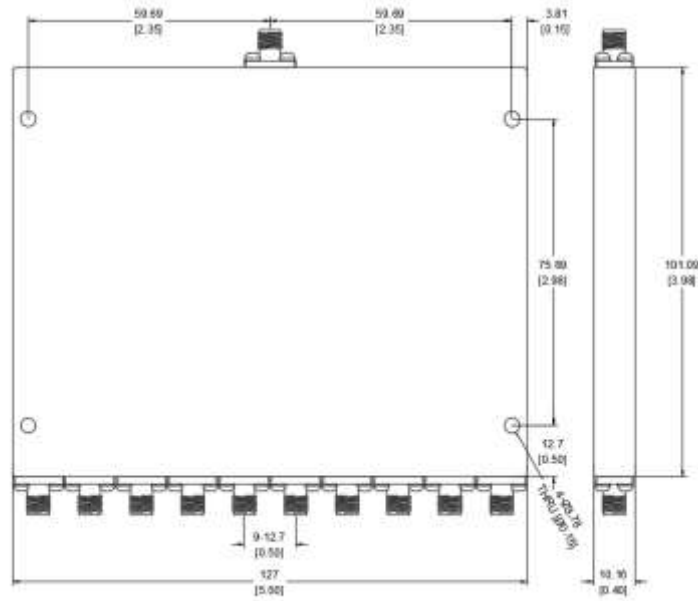
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All Connectors: SMA-Female



TEST DATA



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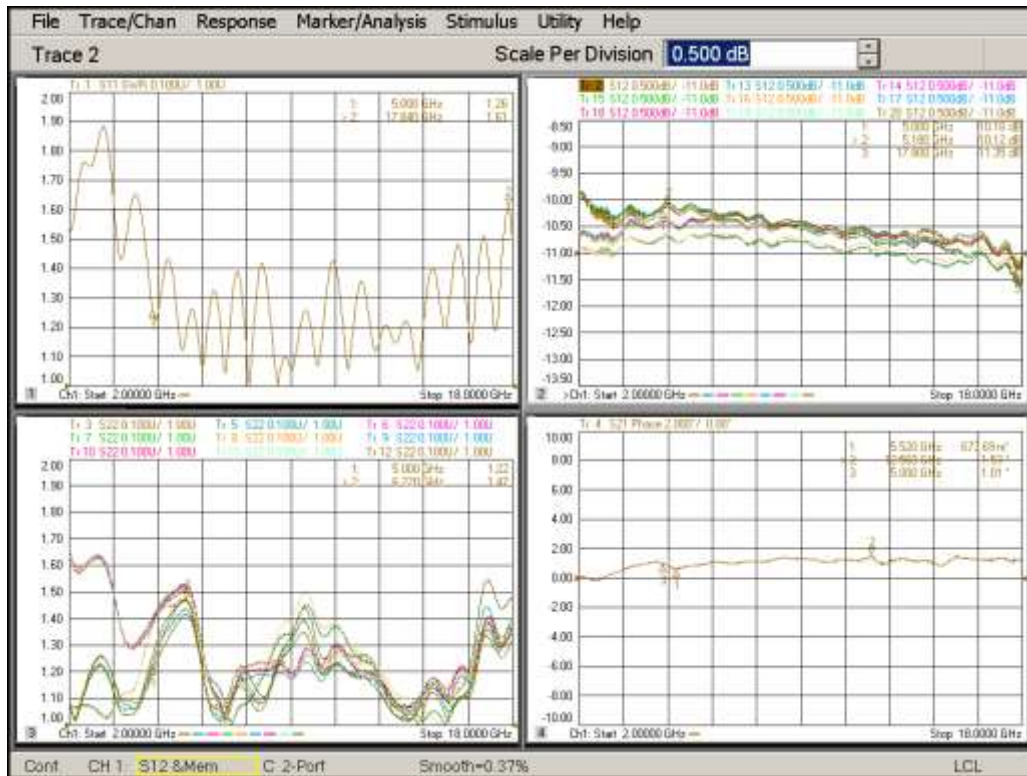
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