

Product:6-18Ghz 16 Way power divider

Part Number: LPD-6/18-16S



Specification					
No.	Parameter	Minimum	Typical	Maximum	Units
1	Frequency range	6	-	18	GHz
2	Insertion Loss		-	1.6	dB
3	Phase Balance:		-	± 6	dB
4	Amplitude Balance		-	± 0.4	dB
5	Isolation	17			dB
6	VSWR (in)		-	1.6	-
7	VSWR (out)			1.5	
8	Power			10	W cw
9	Operating Temperature Range	-40	-	+85	°C
10	Impedance	-	50	-	Ω
11	Connecter	SMA			
12	Preferred finish	Black/Sliver/yellow/blue			

**Remarks:**

1. Not include Theoretical loss 12db
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	Passivated or stainless steel
Female Contact:	gold plated beryllium brass
Rohs	compliant
Weight	0.4kg

Outline Drawing:

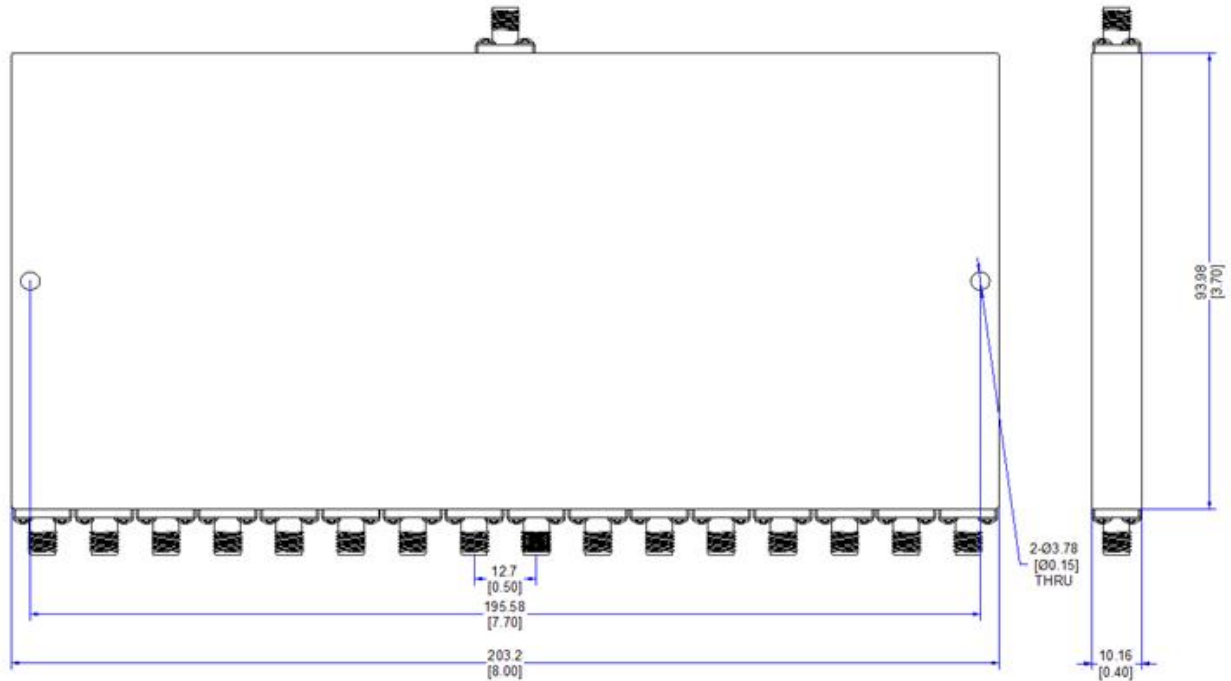
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All Dimensions in mm

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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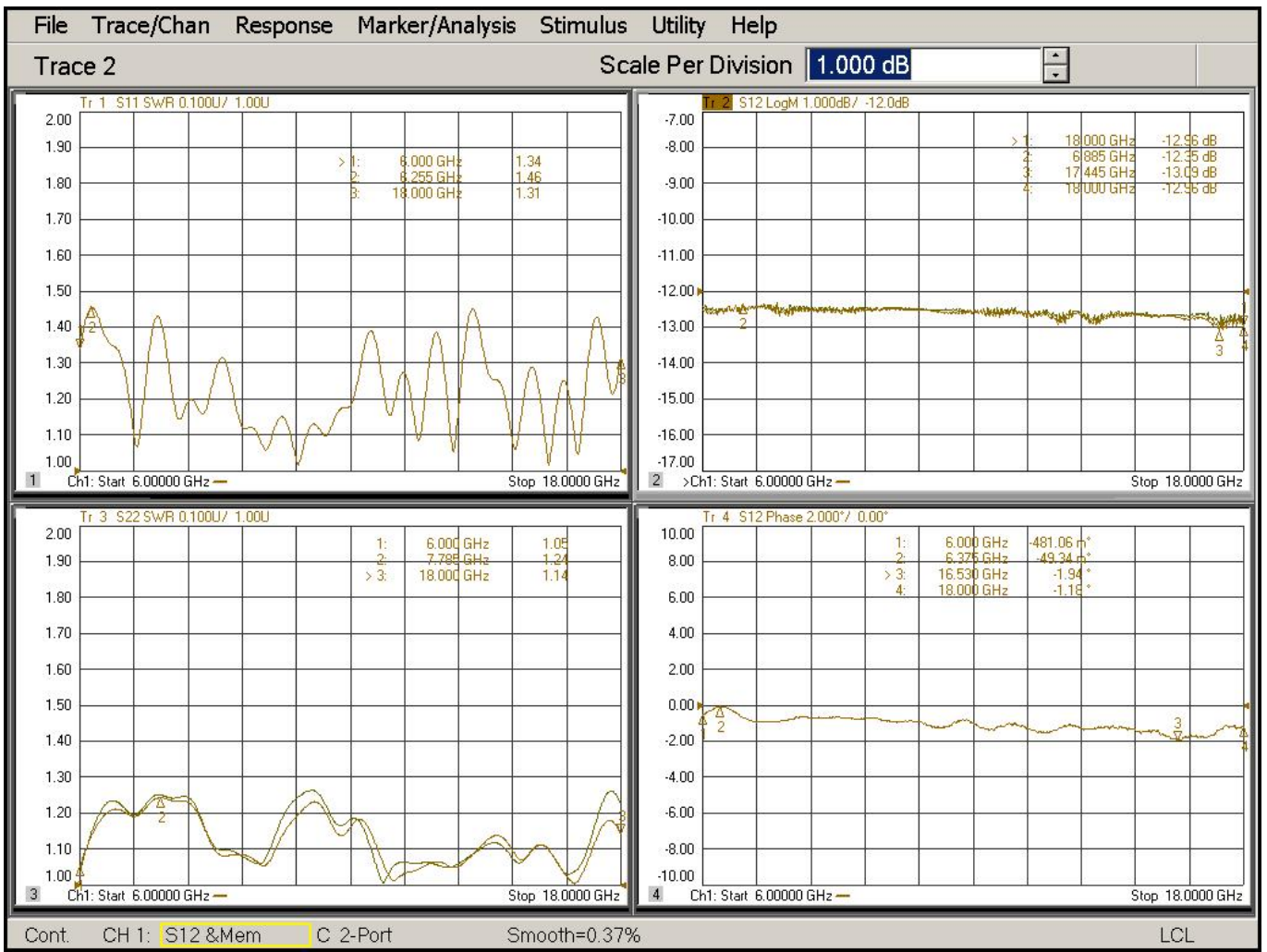
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