

Product: Butler Matrix 4*4 Hybrid Coupler

Part Number: LDC-0.5/7-180s-4X4



Specification					
No.	Parameter	Minimum	Typical	Maximum	Units
1	Frequency range	0.5	-	7	GHz
2	Insertion Loss	-	-	11	dB
3	Phase Balance:	-	-	±12	dB
4	Amplitude Balance	-	-	±1.0	dB
5	Isolation	14	-		dB
6	VSWR	-	-	1.5	-
7	Power			20	W cw
8	Operating Temperature Range	-40	-	+85	°C
9	Impedance	-	50	-	Ω
10	Connector	Sma-f			
11	Preferred finish	Black/yellow/green/silver/blue			

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	0.3kg

Outline Drawing:

All Dimensions in mm

Outline Tolerances ± 0.5(0.02)

Mounting Holes Tolerances ±0.2(0.008)

All Connectors: SMA-Female

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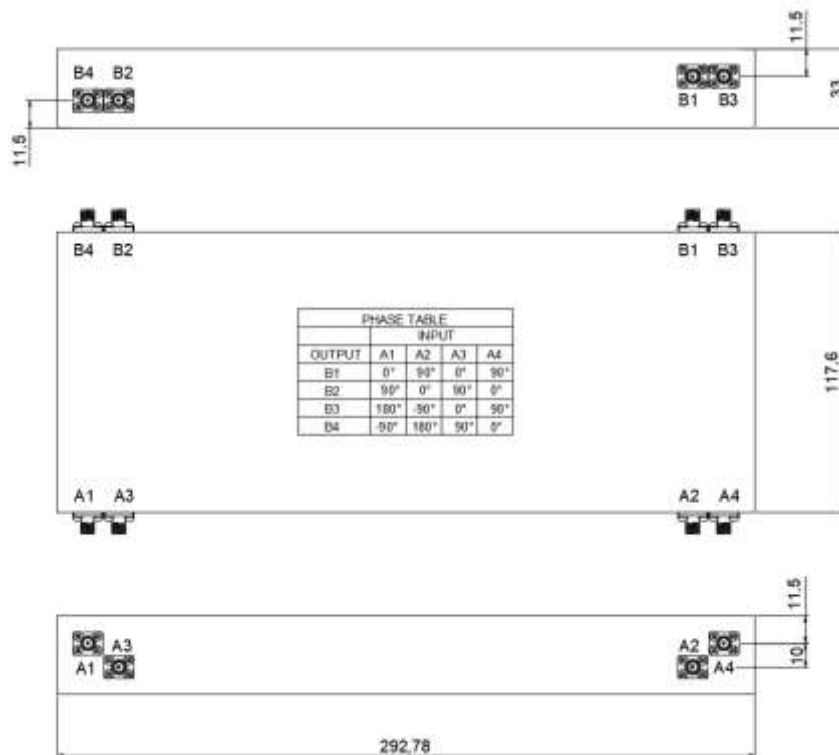
电话: 028-65199117 传真: 028-65199116

<http://www.leadermicrowave.com> sales@leader-mw.com

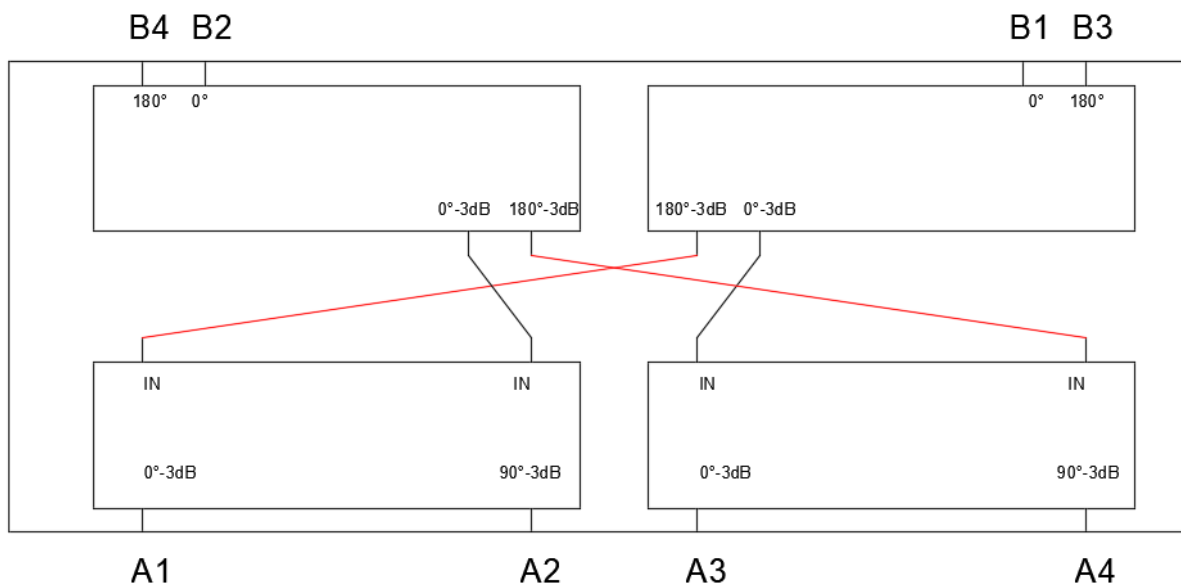
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Add: 中国 成都市成华区华翰路 89 号 610000

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Schematic diagram



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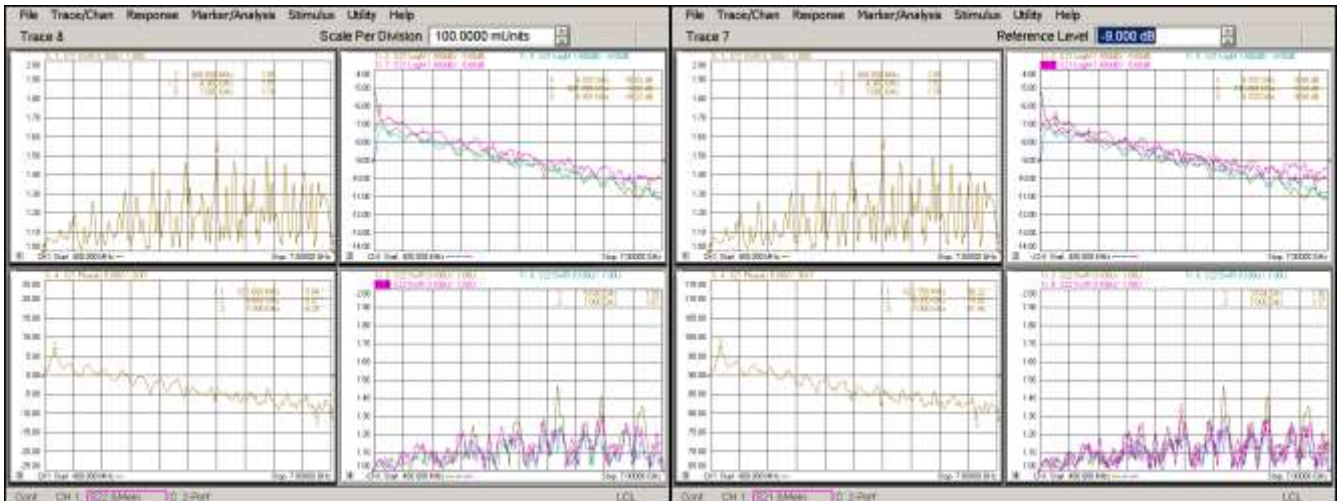
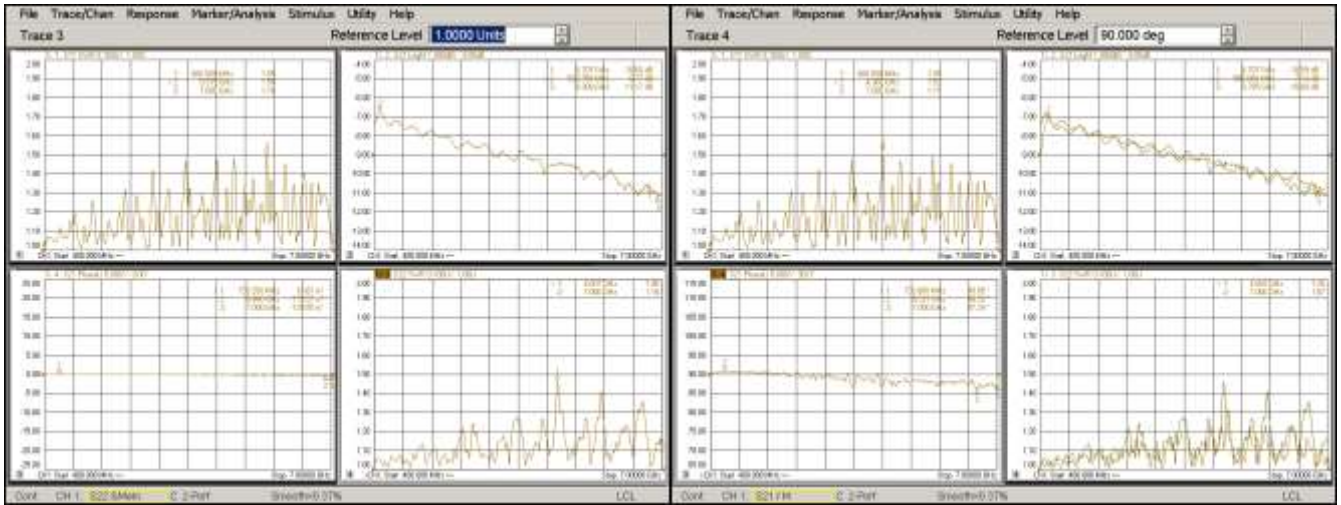
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Test data



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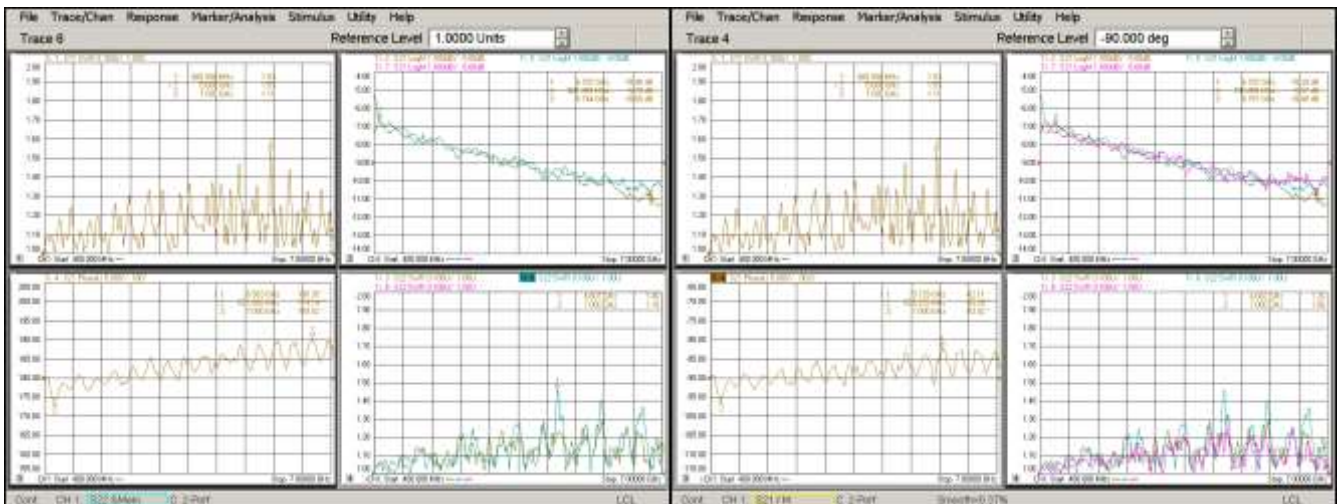
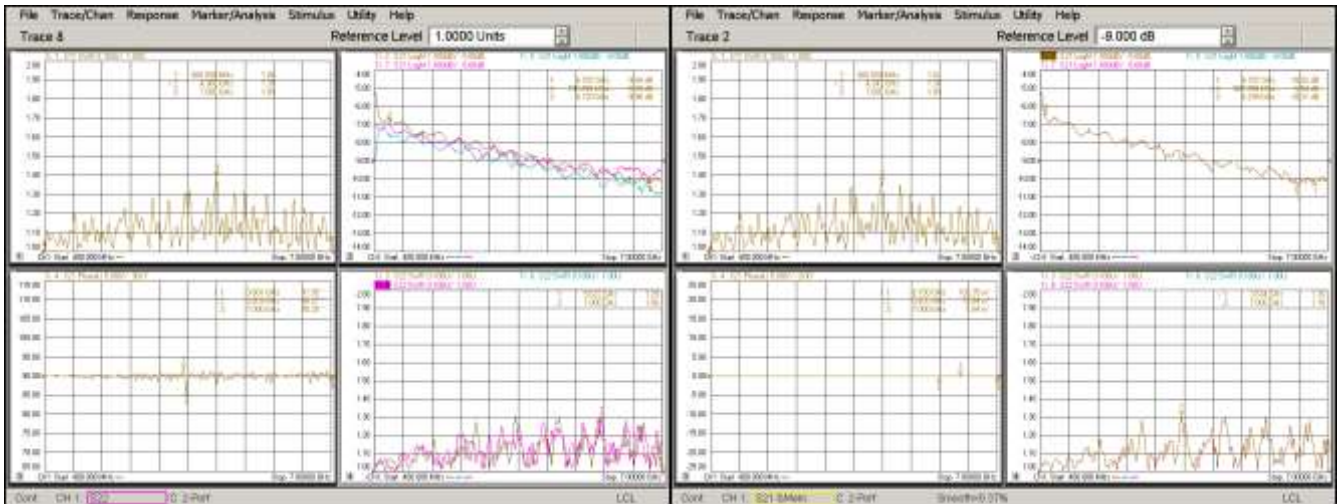
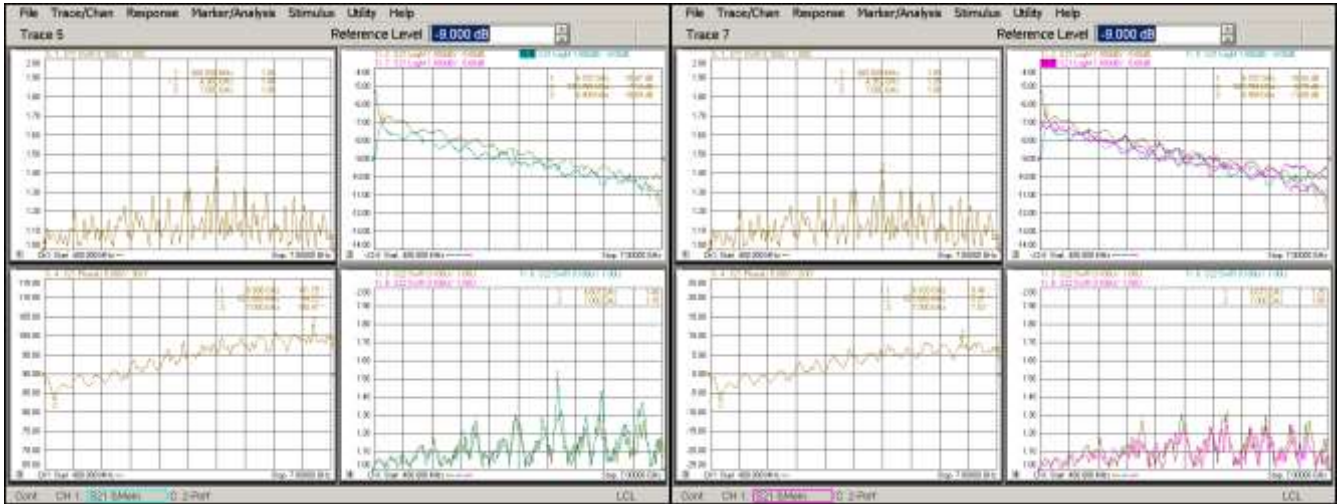
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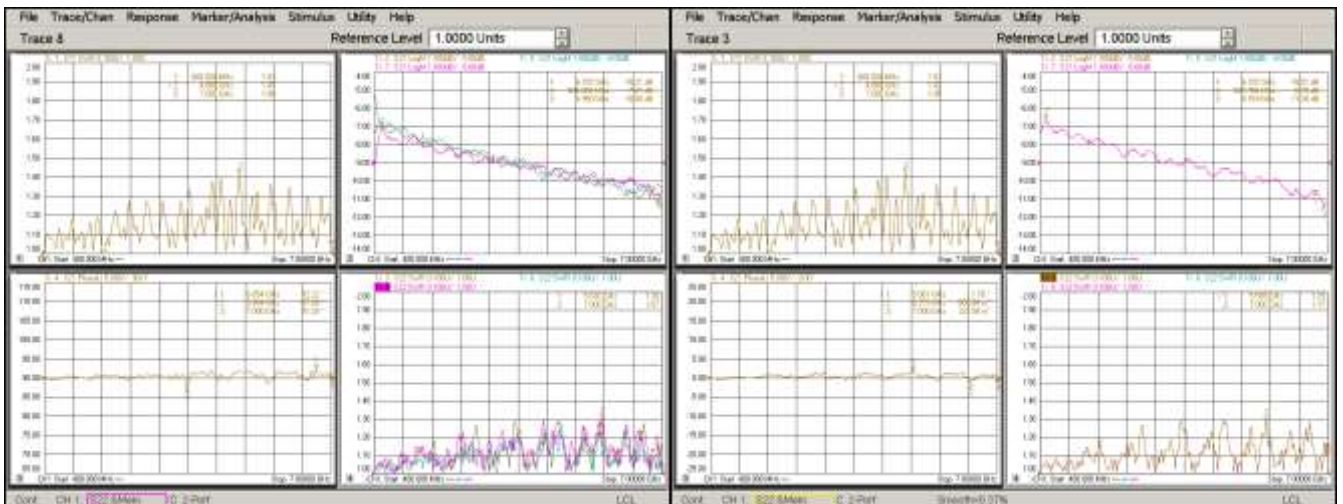
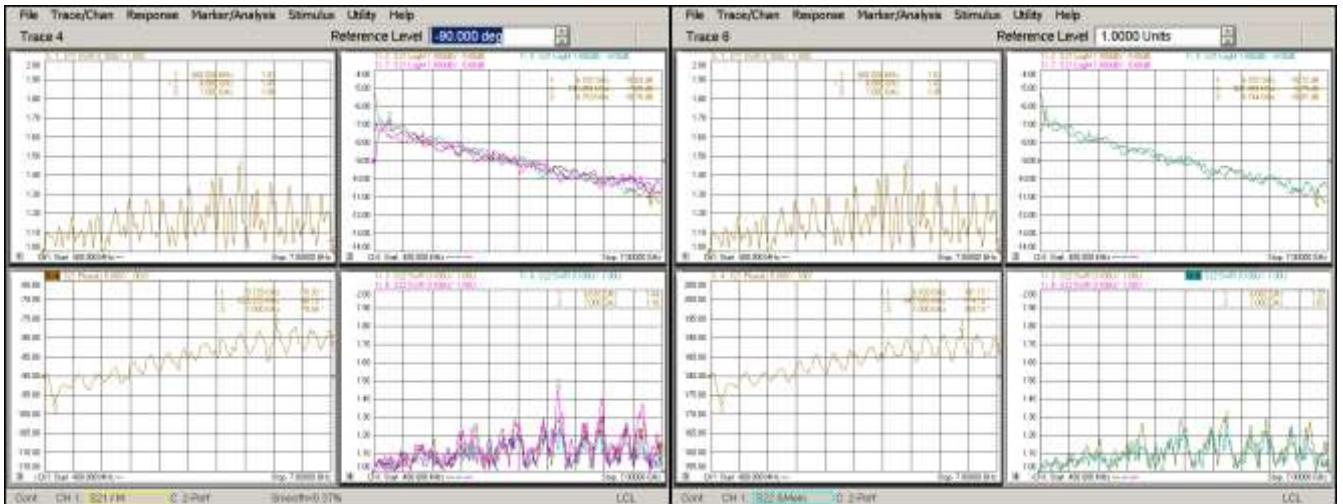
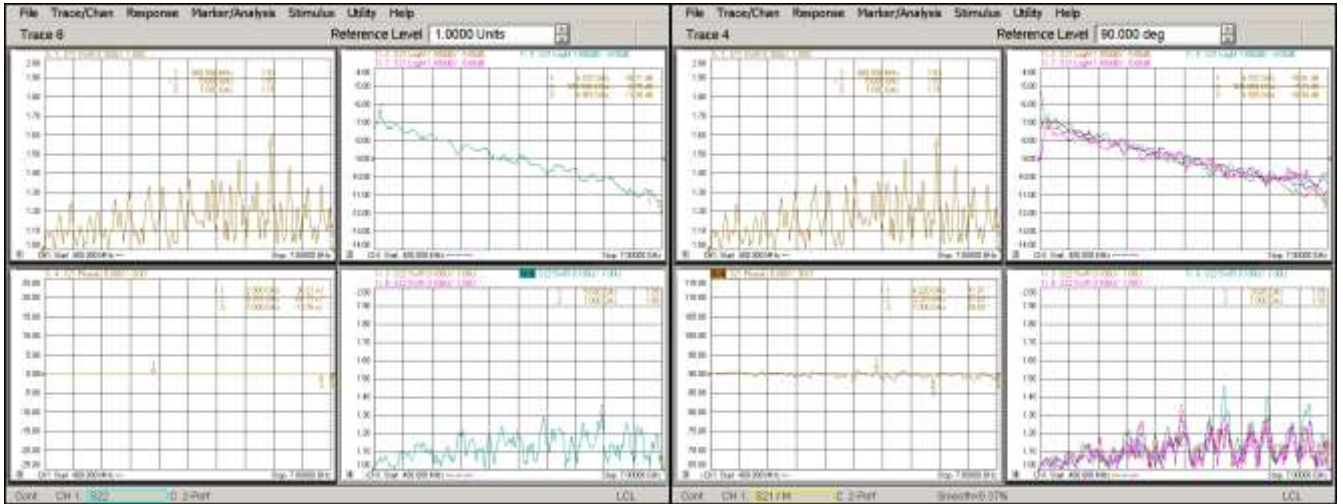
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