

Product: Hybrid Coupler



Part Number: LDQ-0.7/2.7-3NA

Specification					
No.	Parameter	Minimum	Typical	Maximum	Units
1	Frequency range	0.7	-	2.7	GHz
2	Insertion Loss	-	-	0.6	dB
3	Phase Balance:	-	-	±3	dB
4	PIM3	-	-≤-150dBc @(+43dBm×2)		dBm
5	Isolation	20	-		dB
6	VSWR	-	-	1.3	-
7	Power			200	W cw
8	Operating Temperature Range	-40	-	+85	°C
9	Impedance	-	50	-	Ω
10	Connecter	N-F			
11	Preferred finish	Black/yellow/green/silver/blue			

Remarks:

1. Not include Theoretical loss 3db 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
Altitude	30,000 ft. (Epoxy Sealed Controlled environment)
	60,000 ft. 1.0psi min (Hermetically Sealed Un-controlled environment) (Optional)
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	0.1kg

Outline Drawing:

成都利德尔科技有限公司 ChengDu Leader Microwave Technology Co.,Ltd

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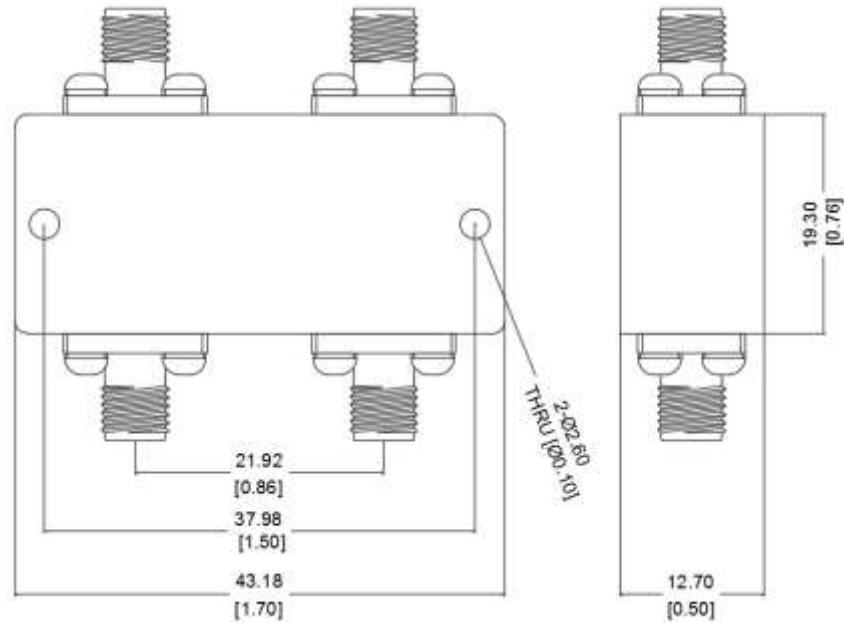
<http://www.leadermicrowave.com> sales@leader-mw.com

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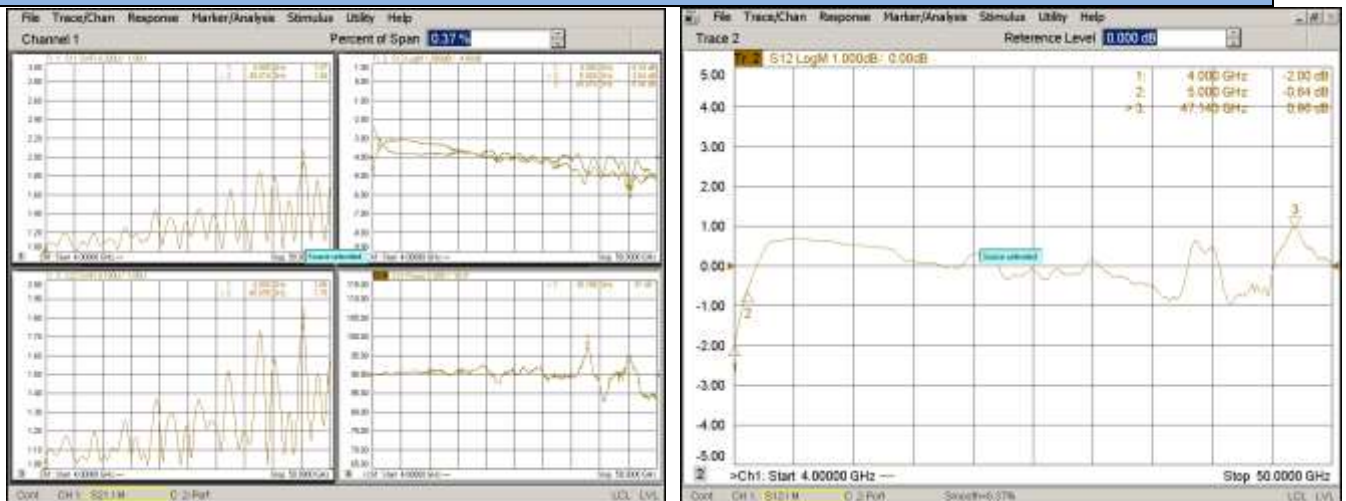
Add: 中国 成都市成华区华翰路 89 号 610000

No.89,Huahan Road, chenghua Zone Chengdu, Sichuan China Zip Code:610000

All Dimensions in mm
Outline Tolerances $\pm 0.5(0.02)$
Mounting Holes Tolerances $\pm 0.2(0.008)$
All Connectors: 2.4-Female



TEST DATA



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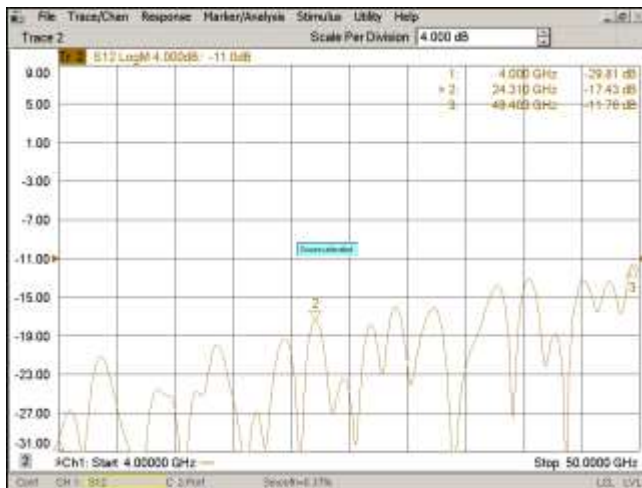
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