

Product: cavity duplexer



Part Number: LDX-21.1/29.9-2S

Specification					
No.	Parameter	RX		TX	Units
1	Center Freq.	21.1-21.2		29.9-30	GHz
2	Insertion Loss at Center Freq.	1.2		1.2	dB
3	Rejection	≥90dB@29.9-30GHz		≥90dB@21.1-21.2GHz	dB
4	VSWR	1.4		1.4	
5	Power			10w	W cw
6	Operating Temperature Range	-35		+50	°C
7	Impedance	-		50	Ω
8	Connecter	2.92-F			
9	Preferred finish	Black/silver/blk			

**Remarks:**

Power rating is for load vswr better than 1.20:1

Environmental Specifications	
Operational Temperature	-35°C~+60°C
Storage Temperature	-50°C~+85°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	stainless steel
Female Contact:	gold plated beryllium bronze
Rohs	compliant
Weight	0.2kg

**Outline Drawing:**

All Dimensions in mm

Outline Tolerances ± 0.5(0.02)

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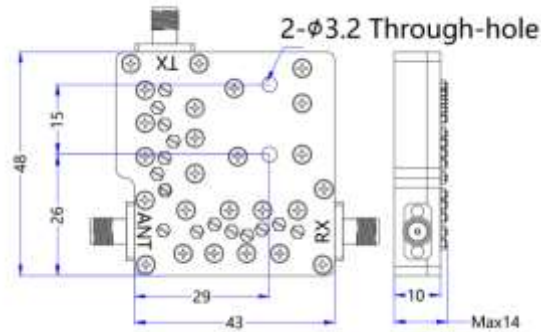
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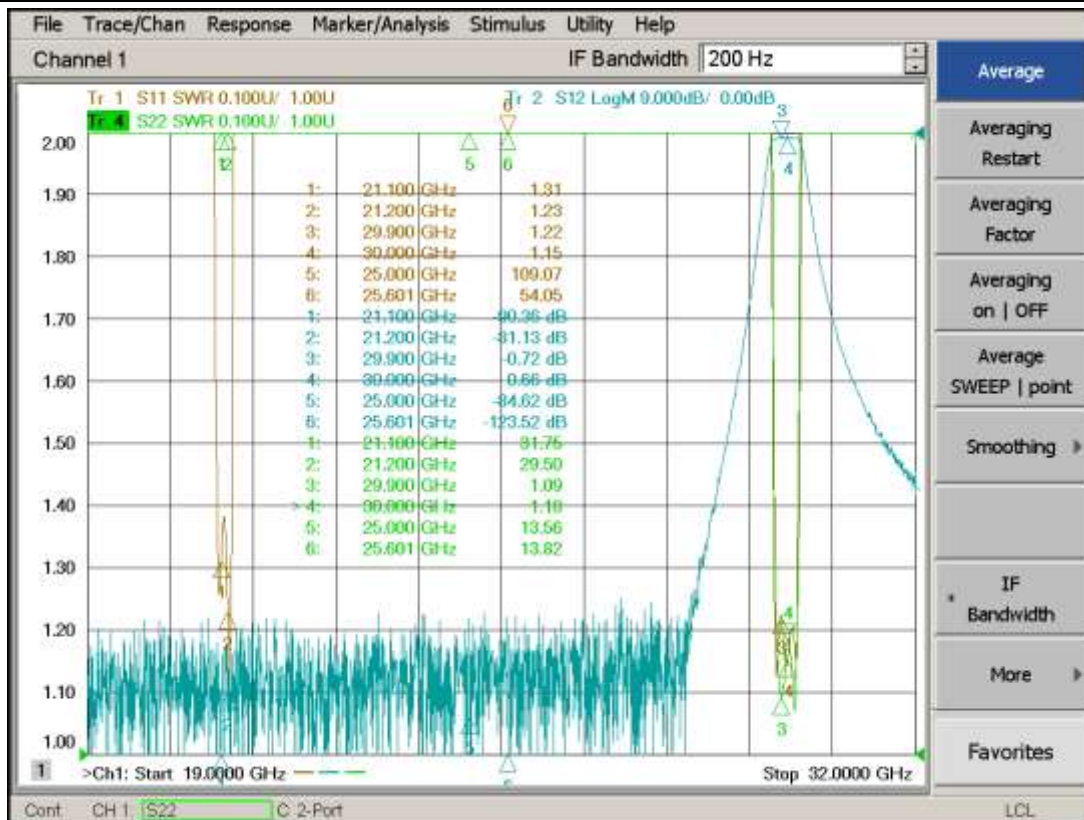
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Mounting Holes Tolerances  $\pm 0.2(0.008)$

All Connectors: 2.92-Female



Test data



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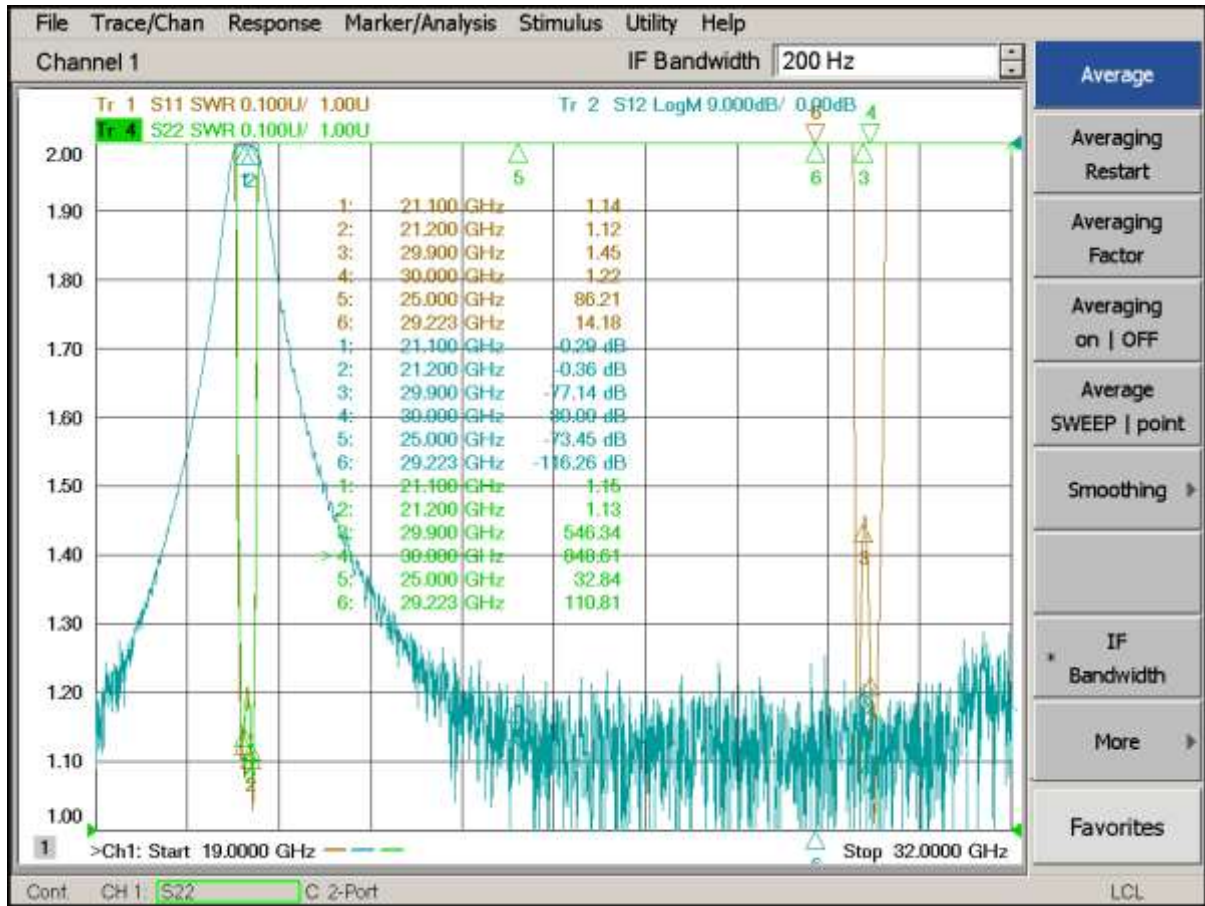
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