

Product: High power Coupler



Part Number: LDC-4/12-30N-600W

Specification					
No.	Parameter	Minimum	Typical	Maximum	Units
1	Frequency range	4	-	12	GHz
2	Nominal Coupling		30		dB
4	Insertion Loss			0.3	db
5	Coupling Accuracy	-	-	± 1.5	dB
6	Coupling Sensitivity to Frequency	± 1	-		dB
7	Directivity:	12			dB
8	VSWR	-	-	1.35	-
9	Power			600	W cw
10	Operating Temperature Range	-40	-	+85	°C
11	Impedance	-	50	-	Ω
12	Connecter	N-F			
13	Preferred finish	Black/Sliver/yellow/green			

Remarks:

1. Insertion loss have include the Theoretical loss:0.004dB
2. Power rating is for load vswr better than 1.20:1

Environmental Specifications	
Operational Temperature	-40°C~+85°C
Storage Temperature	-50°C~+95°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 three-part alloy
Female Contact:	gold plated beryllium brass
Rohs	compliant
Weight	0.25kg

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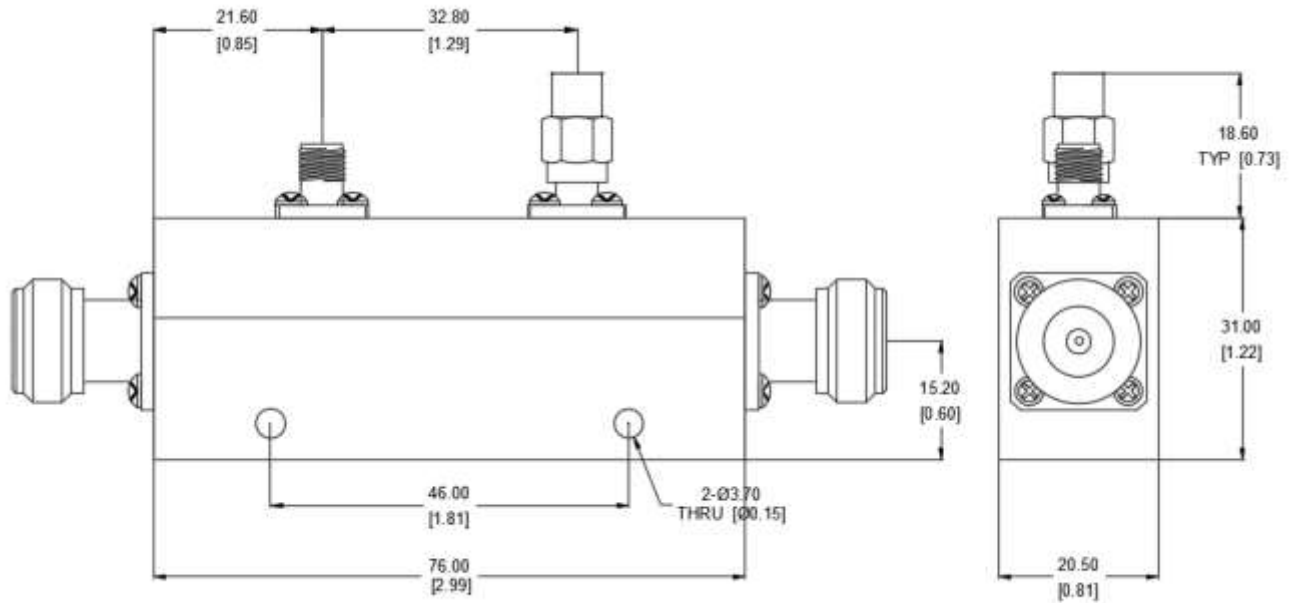
Outline Drawing:

All Dimensions in mm

Outline Tolerances $\pm 0.5(0.02)$

Mounting Holes Tolerances $\pm 0.2(0.008)$

All Connectors: N-Female



TEST DATA

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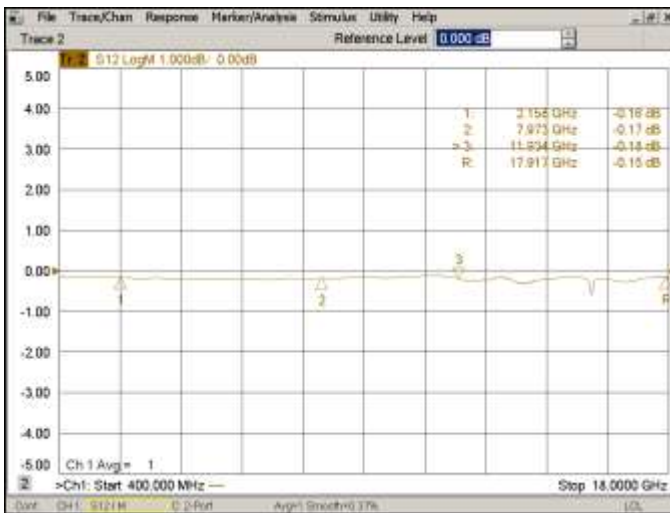
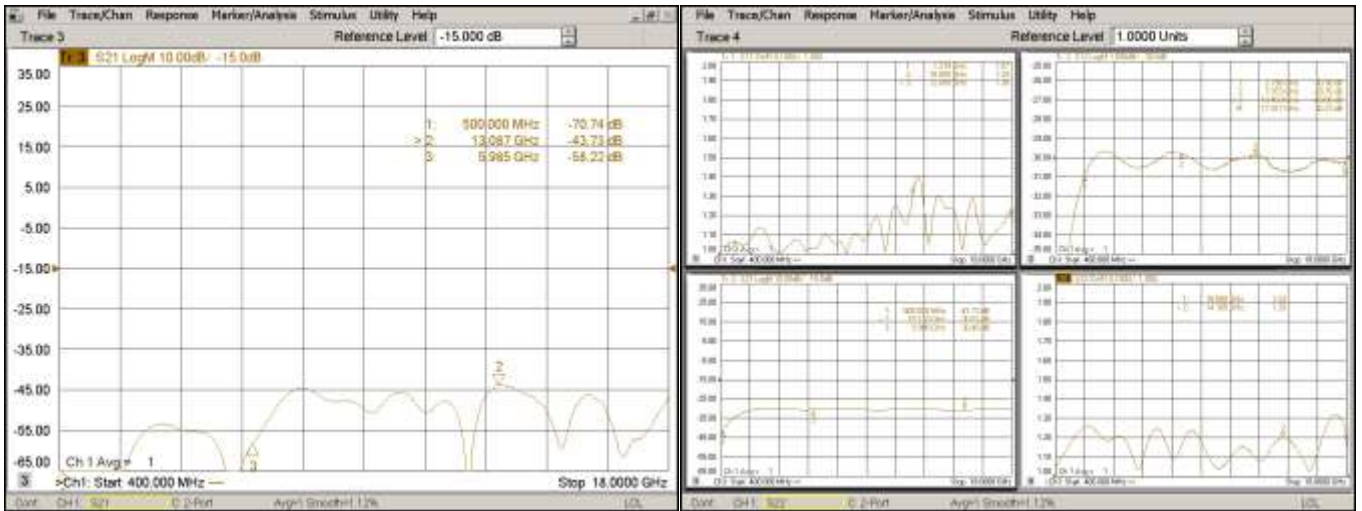
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