

Product: Directional Coupler

Part Number: LDDC-0.5/18.5-20S



Specification

No.	Parameter	Minimum	Typical	Maximum	Units
1	Frequency range	0.5	-	18.5	GHz
2	Nominal Coupling		20		dB
3	Coupling Accuracy	-	-	± 1	dB
4	Insertion Loss	-	-	2	dB
5	Directivity	12	-		dB
6	VSWR	-	-	1.4	-
7	Power			20	W cw
8	Operating Temperature Range	-40	-	+85	°C
9	Impedance	-	50	-	Ω
10	Preferred finish	/			

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

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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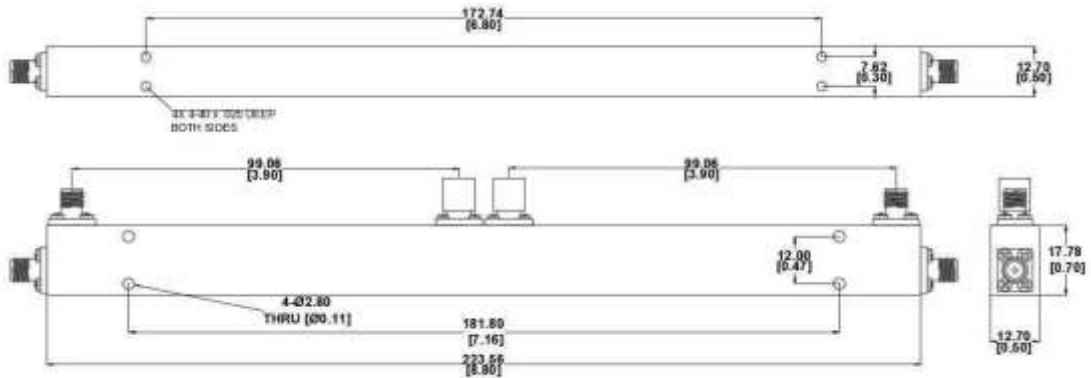
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