

YSDDC6K-10M-R5-70-LC

Dual Directional Coupler, 6 kW, 0.01-0.5 GHz, 70 dB coupling, LC

Key Features

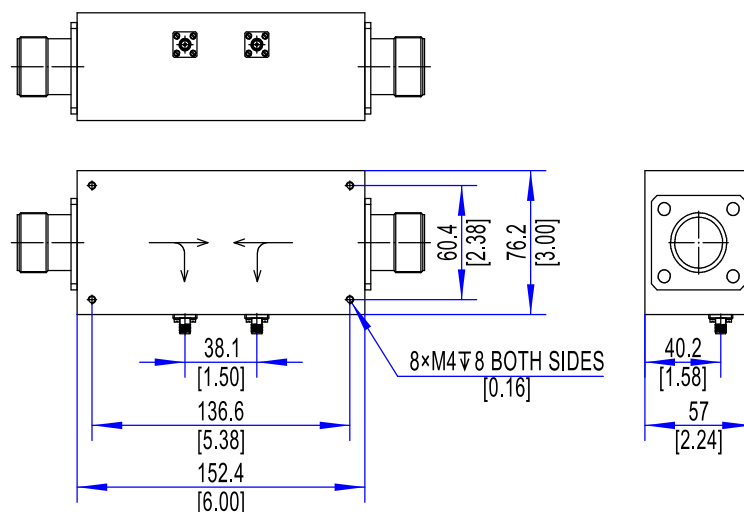
- 0.01-0.5 GHz Coverage
- Stable 70 dB Coupling Across Band
- Low Insertion Loss & Good Directivity
- High Power Handling up to 6 kW
- Compact Design with LC Connectors

Applications

- Broadband RF & Microwave Systems
- Signal Sampling & Power Monitoring
- Radar & Electronic Warfare Systems
- Satellite & Communication Systems
- Test & Measurement Applications

Electrical Specifications		
1	Frequency Range	0.01-0.5 GHz
2	Coupling	70 ±1.0 dB
3	Coupling Flatness	≤ ±1.0 dB
4	Insertion Loss	≤0.2 dB
5	Main Line VSWR	≤1.3:1
6	Directivity	≥18 dB
7	Power Handling	6 kW(CW)
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	LC Female, SMA Female
2	Surface Finishing	Clear Conductive Oxide Finish
3	Dimensions ¹	152.4×76.2×57 mm / [6.00×3.00×2.24 in]

Outline Drawing (Units: mm/[inch], Tolerance: ±0.3 mm)



Note 1: Excluding Connector size