

YSDDC500-R7-6-50-N

Dual Directional Coupler, 500 W, 0.7-6 GHz, 50 dB coupling, N-Type

Key Features

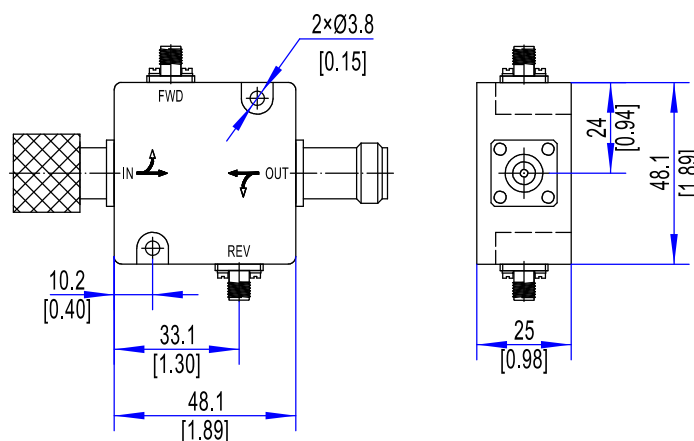
- Ultra-Wideband 0.7-6 GHz Coverage
- Stable 50 dB Coupling Across Band
- Low Insertion Loss & Good Directivity
- High Power Handling up to 500 W
- Compact Design with N-Type Connectors

Applications

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

Electrical Specifications		
1	Frequency Range	0.7-6 GHz
2	Coupling	50 ±1.5 dB
3	Insertion Loss	≤0.5 dB
4	Main Line VSWR	≤1.5:1
5	Directivity	≥15 dB
6	Power	500 W(CW)
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	N Female / Male, SMA Female
2	Surface Finishing	Clear Conductive Oxide Finish
3	Dimensions ¹	48.1×48.1×25 mm / [1.89×1.89×0.98 in]

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



Note 1: Excluding Connector size