YSDDC100-R5-3-50-S

Dual Directional Coupler, 100 W, 0.5-3 GHz, 50 dB coupling, SMA

Key Features

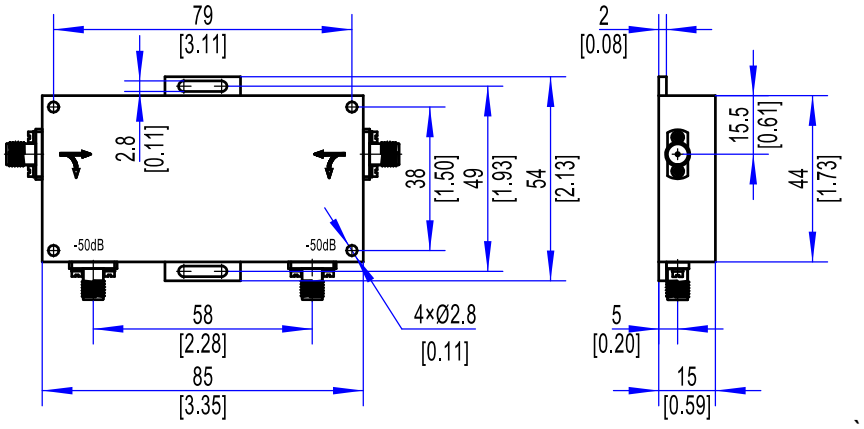
- 0.5-3 GHz broadband
- Coupling: 50 dB ±1.5 dB
- Insertion loss: ≤0.5 dB
- Power handling: 100 W
- SMA female connectors

Applications

- RF amplifier monitoring
- VSWR reflected power test
- Antenna system measurement
- Lab & production testing
- Microwave subsystem integration

Electrical Specifications		
1	Frequency Range	0.5-3 GHz
2	Coupling	50 ±1.5 dB
3	Insertion Loss	≤0.5 dB
4	Main Line VSWR	≤1.30:1
5	Directivity	≥16 dB
6	Power	≤100 W
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Natural Conductive Oxidation
3	Dimensions[1]	85×54×15 mm / [3.35×2.13×0.59 in]

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



Note 1: Excluding Connector size