

YSDC400-4-6-40-N

Directional Coupler, 400 W, 4-6 GHz, 40 dB coupling, N-Type

Key Features

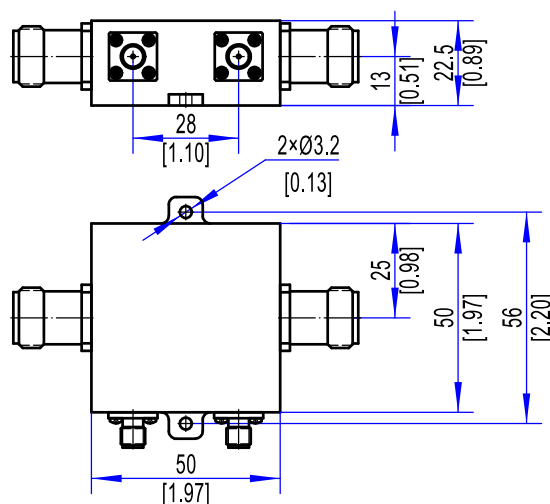
- 4-6 GHz wideband
- High power handling
- 40 dB high directivity coupling
- Low insertion loss
- Stable coupling flatness

Applications

- RF power monitoring and sampling
- Test & measurement systems
- Communication system integration
- Transmitter signal feedback and control
- RF laboratory and EMC testing

Electrical Specifications		
1	Frequency Range	4-6 GHz
2	Coupling	40 ±1.5 dB
3	VSWR	≤1.3:1
4	Insertion Loss	≤0.6 dB
5	Directivity	≥10 dB
6	Power	≥400 W
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	N-Type Female / SMA Female
2	Surface Finishing	Natural Conductive Oxidation
3	Dimensions ¹	50×50×22.5 mm / [1.97×1.97×0.89 in]

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



Note 1: Excluding Connector size