

YSDDC250-R5-6-40-N

Dual Directional Coupler, 250 W, 0.5-6 GHz, 40 dB coupling, N-Type

Key Features

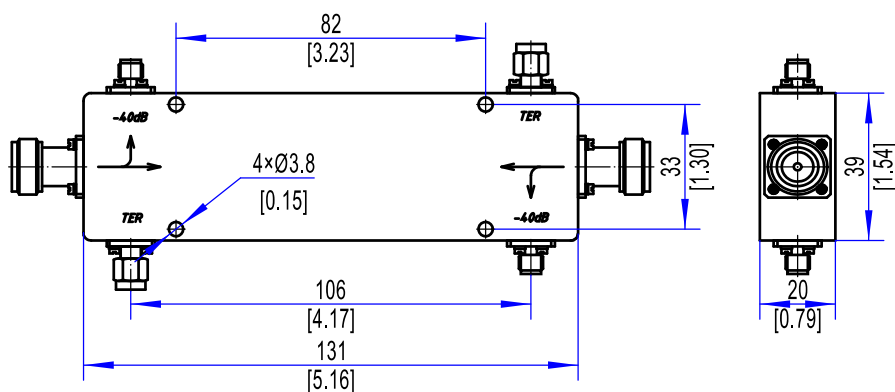
- Broadband 0.5-6 GHz operation
- High coupling accuracy: 40 dB \pm 1.5 dB
- Low insertion loss: \leq 0.5 dB
- High power handling: 250 W (CW)
- Connector type: N-Type Female

Applications

- RF power amplifier monitoring
- VSWR reflected power measurement
- Test & measurement setups
- Microwave system integration
- Lab & production testing

Electrical Specifications		
1	Frequency Range	0.5-6 GHz
2	Coupling	40 \pm 1.5 dB
3	Coupling Flatness	$\leq \pm$ 1.0 dB
4	Insertion Loss	\leq 0.5 dB
5	Main Line VSWR	\leq 1.25:1
6	Directivity	\geq 10 dB
7	Power	\geq 250 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	131 \times 39 \times 20 mm / [5.16 \times 1.54 \times 0.79 in]

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



Note 1: Excluding Connector size