

YSDC150-R4-3R9-15-N

Directional Coupler, 150 W, 0.4-3.9 GHz, 15 dB coupling, N-Type

Key Features

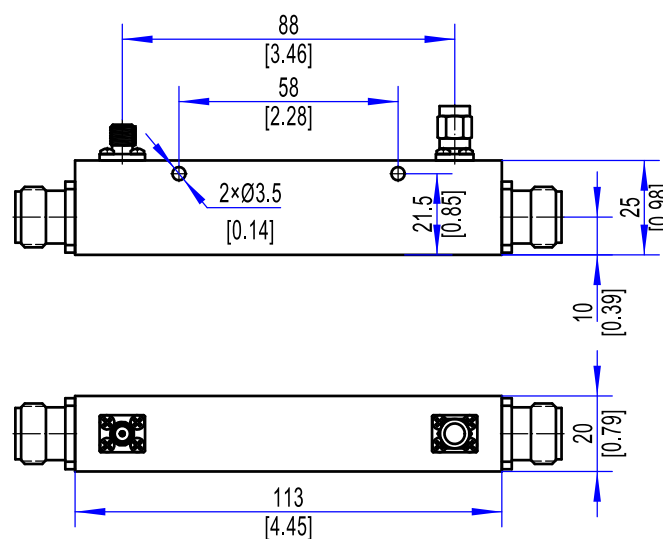
- 0.4-3.9 GHz ultra-wideband
- 15 dB nominal coupling (± 1.5 dB)
- Low insertion loss (≤ 0.5 dB typ.)
- Compact SMA female interface
- 150 W CW power handling

Applications

- Broadband test & measurement
- Signal monitoring & sampling
- Radar & communication systems
- Power measurement setups
- High-frequency module integration

Electrical Specifications		
1	Frequency Range	0.4-3.9 GHz
2	Coupling	15 \pm 1.5 dB
3	VSWR	$\leq 1.25:1$
4	Insertion Loss	≤ 0.5 dB
5	Directivity	≥ 16 dB
6	Power	150 W(CW)
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	113×25×20 mm / [4.45×0.98×0.79 in]

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



Note 1: Excluding Connector size