

# YSDDC120-6-10-40-N

Dual Directional Coupler, 120 W, 6-10 GHz, 40 dB coupling, N-Type

## Key Features

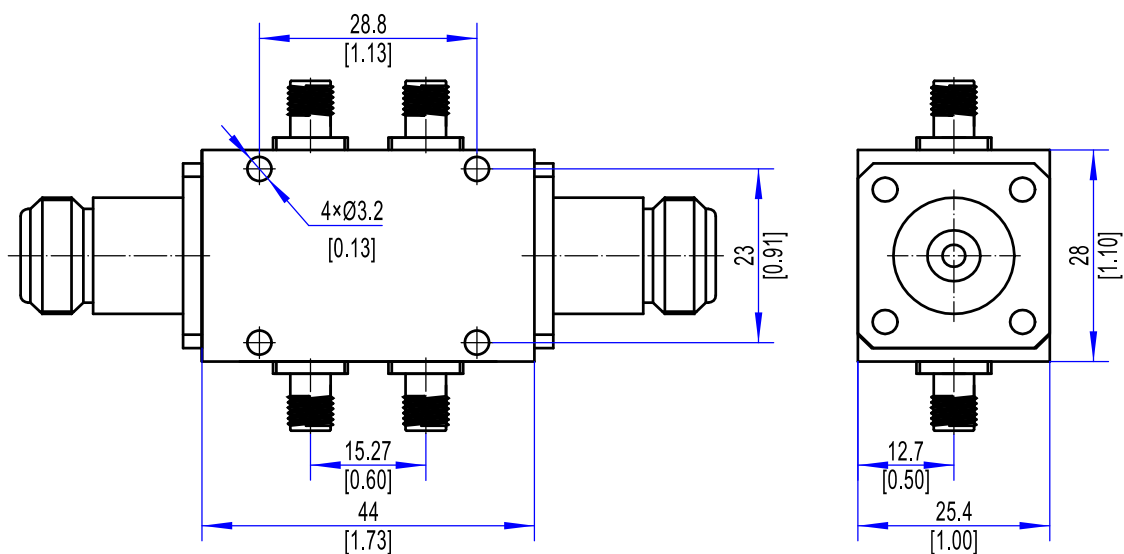
- Broadband 6-10 GHz operation
- High coupling accuracy: 40 dB  $\pm$ 1.0 dB
- Low insertion loss:  $\leq$ 0.3 dB
- High power handling: 120 W (CW)
- Connector type: N-Type Female

## Applications

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

Electrical Specifications		
1	Frequency Range	6-10 GHz
2	Coupling	40 $\pm$ 1.0 dB
3	Coupling Flatness	$\leq \pm$ 0.5 dB
4	Insertion Loss	$\leq$ 0.3 dB
5	Main Line VSWR	$\leq$ 1.4:1
6	Directivity	$\geq$ 15 dB
8	Power	120 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 <sup>1</sup>	44×28×25.4 mm / [1.73×1.10×1.0 in]

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



Note 1: Excluding Connector size