

# YSDC1K-80M-1-60-N

Directional Coupler, 1 KW, 0.08-1 GHz, 60 dB coupling, N-Type

## Key Features

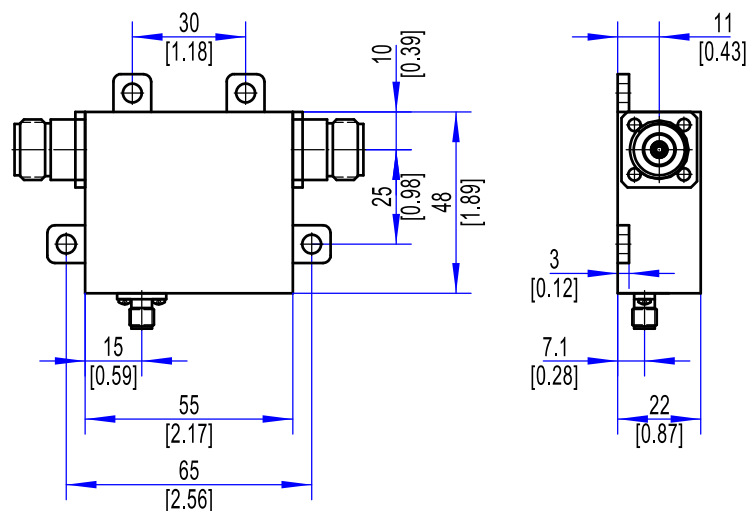
- 0.08–1 GHz wideband
- 1 KW high power handling
- 60 dB precise coupling
- Low insertion loss
- Good directivity

## Applications

- RF signal monitoring
- VHF/UHF systems
- Test & measurement
- Transmitter systems
- Lab & integration use

Electrical Specifications		
1	Frequency Range	0.08-1 GHz
2	Coupling	60 ±1.0 dB
3	Coupling Flatness	≤ ±1.0 dB
4	Insertion Loss	≤0.3 dB
5	Main Line VSWR	≤1.2:1
6	Secondary Line VSWR	≤1.6:1
7	Directivity	≥18 dB
8	Power	1 KW(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>	55×48×22 mm / [2,17×1.89×0.87 in]

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



Note 1: Excluding Connector size