

YS90H400-4-8-15-N

90° Hybrid Coupler, 400 W, 4-8 GHz, 15 dB Isolation, N-Type

Key Features

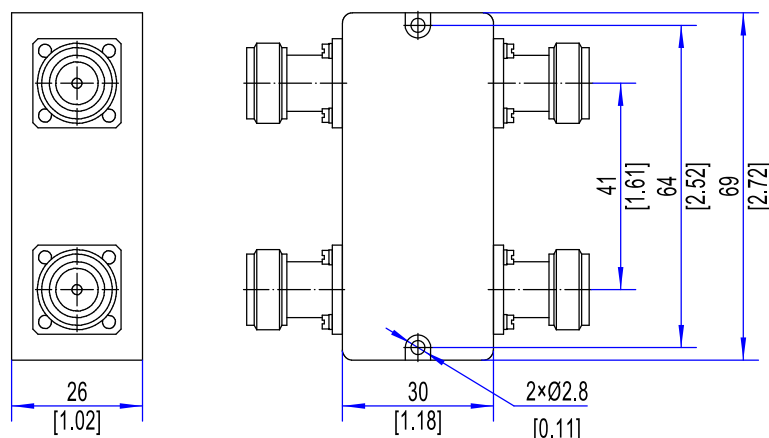
- Equal power split
- Quadrature (90°) output
- High port isolation
- Low insertion loss
- Excellent amplitude & phase balance

Applications

- IQ modulation & demodulation
- Balanced amplifiers
- Balanced mixers
- Phased array systems
- Test & measurement systems

Electrical Specifications		
1	Frequency Range	4-8 GHz
2	Insertion Loss	≤0.3 dB
3	VSWR	≤1.50:1
4	Isolation	≥15 dB
5	Amplitude Balance	≤±0.3 dB
6	Phase Balance	≤±5°
7	Power Handling	400 W(CW)
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	N-Type Female(Removable, Ø1.5 mm Center Pin Insulator)
2	Surface Finishing	Natural Conductive Oxidation
3	Dimensions ¹	69×30×26 mm / [2.72×1.18×1.02 in]

Outline Drawing (Units: mm/[inch], Tolerance: ±0.2 mm)



Note 1: Excluding Connector size