

YS90H200-R225-R52-20-N

90° Hybrid Coupler, 200 W, 0.225-0.52 GHz, 20 dB Isolation, N-Type

Key Features

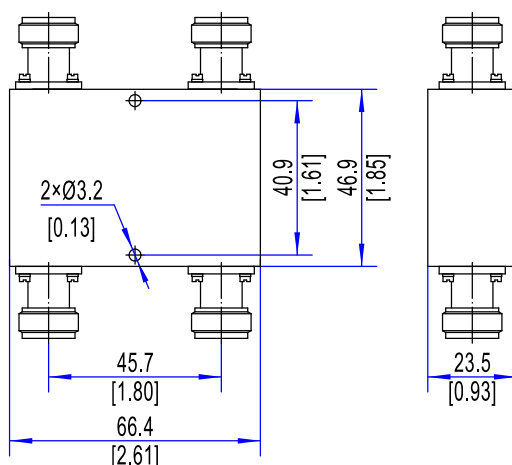
- Equal power split
- Quadrature (90°) output
- High port isolation
- Low insertion loss
- Excellent amplitude & phase balance

Applications

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

Electrical Specifications		
1	Frequency Range	0.225-0.52 GHz
2	Insertion Loss	≤0.25 dB
3	VSWR	≤1.25:1
4	Isolation	≥20 dB
5	Amplitude Balance	≤±0.7 dB
6	Phase Balance	≤±5°
7	Power Handling	200 W(CW)
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	N-Type Female
2	Surface Finishing	Natural Conductive Oxidation
3	Dimensions ¹	66.4×46.9×23.5 mm / [2.61×1.85×0.93 in]

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



Note 1: Excluding Connector size