

YS90H200-1R75-2R4-22-N

90° Hybrid Coupler, 200 W, 1.75-2.4 GHz, 22 dB Isolation, N-Type

Key Features

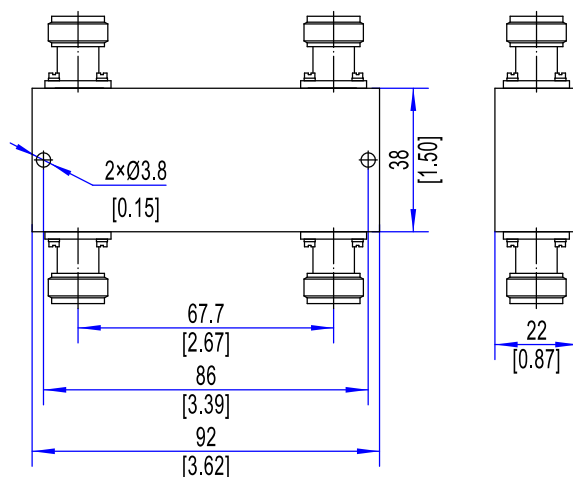
- Equal power split
- Quadrature (90°) output
- High port isolation
- Low insertion loss
- Excellent amplitude & phase balance

Applications

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

Electrical Specifications		
1	Frequency Range	1.75-2.4 GHz
2	Insertion Loss	≤0.5 dB
3	VSWR	≤1.35:1
4	Isolation	≥22 dB
5	Amplitude Balance	≤±0.4 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	92×38×22 mm / [3.62×1.50×0.87 in]

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



Note 1: Excluding Connector size