

YS180H120-1-4-15-N

180° Hybrid Coupler, 120 W, 1-4 GHz, 15 dB Isolation, N-Type

Key Features

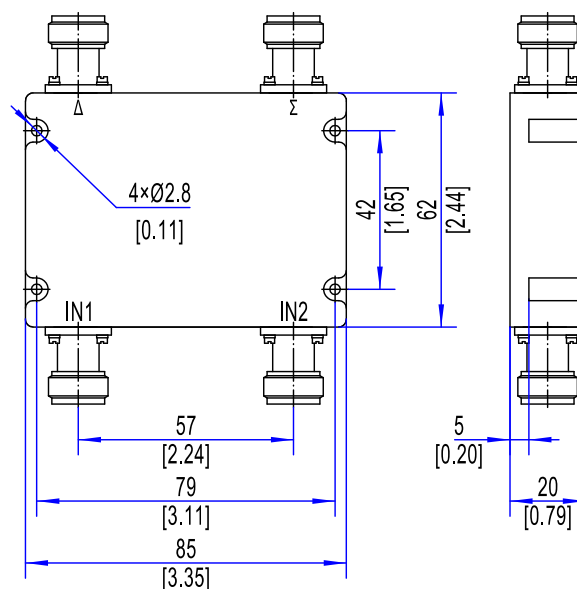
- Equal power split
- 180° phase difference
- Sum & difference ports
- High port isolation
- Low insertion loss

Applications

- Monopulse radar
- Balanced amplifiers
- Balanced mixers
- Antenna feed networks
- RF power combining

Electrical Specifications		
1	Frequency Range	1-4 GHz
2	Insertion Loss	≤1.0 dB
3	VSWR	≤1.60:1
4	Isolation	≥15 dB
5	Amplitude Balance	≤±0.8 dB
6	Phase Balance	≤±8°
7	Power Handling	120 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	85×62×20 mm / [3.35×2.44×0.79 in]

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



Note 1: Excluding Connector size