

YS180H300-1R5-1R7-18-N

180° Hybrid Coupler, 300 W, 1.5-1.7 GHz, 18 dB Isolation, N-Type

Key Features

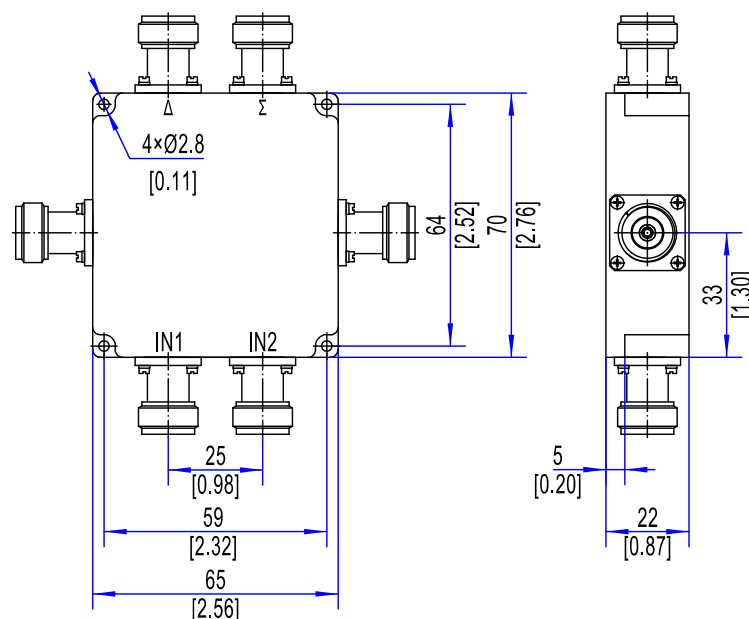
- Equal power split
- 180° phase difference
- Sum & difference ports
- High port isolation
- Low insertion loss

Applications

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

Electrical Specifications		
1	Frequency Range	1.5-1.7 GHz
2	Insertion Loss	≤0.4 dB
3	VSWR	≤1.35:1
4	Isolation	≥18 dB
5	Amplitude Balance	≤±0.3 dB
6	Phase Balance	≤±6°
7	Power Handling	300 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	65×70×22 mm / [2.56×2.76×0.87 in]

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



Note 1: Excluding Connector size