

YS180H15-2-8-17-S

180° Hybrid Coupler, 15 W, 2-8 GHz, 17 dB Isolation, SMA

Key Features

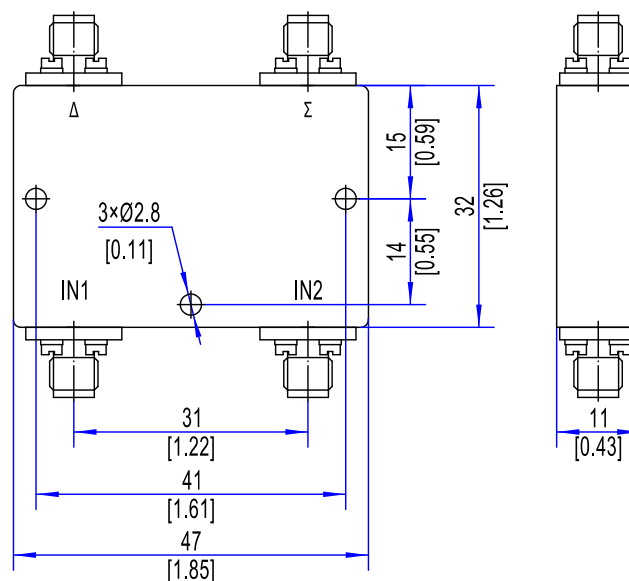
- Equal power split
- 180° phase difference
- Sum & difference ports
- High port isolation
- Low insertion loss

Applications

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

Electrical Specifications		
1	Frequency Range	2-8 GHz
2	Insertion Loss	≤1.0 dB
3	VSWR	≤1.50:1
4	Isolation	≥17 dB
5	Amplitude Balance	≤±0.5 dB
6	Phase Balance	≤±10°
7	Power Handling	15 W(CW)
Environmental Specifications		
1	Operating Temperature	-20°C to +60°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Natural Conductive Oxidation
3	Dimensions ¹	47×32×11 mm / [1.85×1.26×0.43 in]

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



Note 1: Excluding Connector size