

YS180H50-6-18-15-S

180° Hybrid Coupler, 50 W, 6-18 GHz, 15 dB Isolation, SMA

Key Features

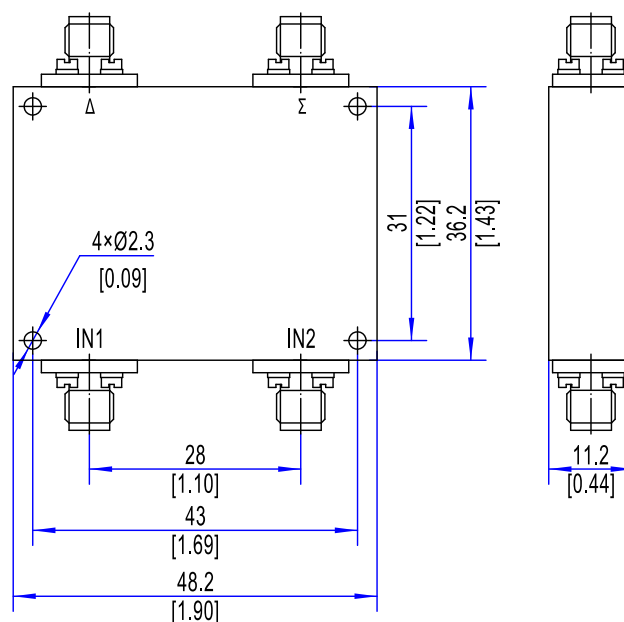
- Equal power split
- 180° phase difference
- Sum & difference ports
- High port isolation
- Low insertion loss

Applications

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

Electrical Specifications		
1	Frequency Range	6-18 GHz
2	Insertion Loss	≤2.0 dB
3	VSWR	≤1.80:1
4	Isolation	≥15 dB
5	Amplitude Balance	≤±1.0 dB
6	Phase Balance	≤±12°
7	Power Handling	50 W(CW)
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Gray-white painted housing
3	Dimensions ¹	48.2×36.2×11.2 mm / [1.90×1.43×0.44 in]

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



Note 1: Excluding Connector size