

YS180H20-2R18-2R33-23-S

180° Hybrid Coupler, 20 W, 2.18-2.33 GHz, 23 dB Isolation, SMA

Key Features

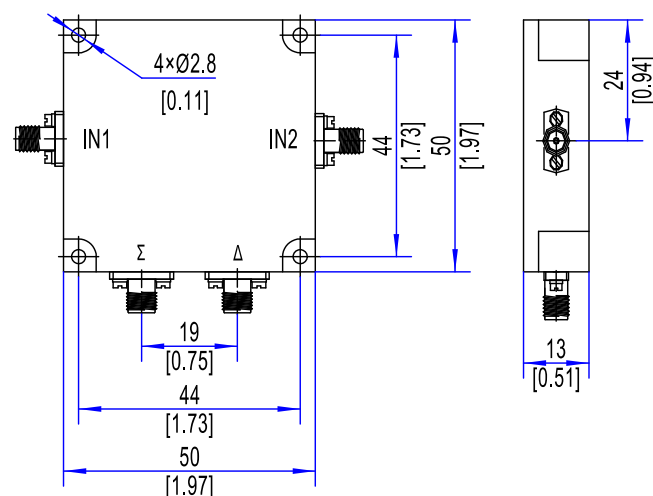
- Equal power split
- 180° phase difference
- Sum & difference ports
- High port isolation
- Low insertion loss

Applications

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

Electrical Specifications		
1	Frequency Range	2.18-2.33 GHz
2	Insertion Loss	≤0.5 dB
3	VSWR	≤1.25:1
4	Isolation	≥23 dB
5	Amplitude Balance	≤±0.25 dB
6	Phase Balance	≤±2.5°
7	Power Handling	20 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	50×50×13 mm / [1.97×1.97×0.51 in]

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



Note 1: Excluding Connector size