

YS180H30-2R2-2R4-20-S

180° Hybrid Coupler, 30 W, 2.2-2.4 GHz, 20 dB Isolation, SMA

Key Features

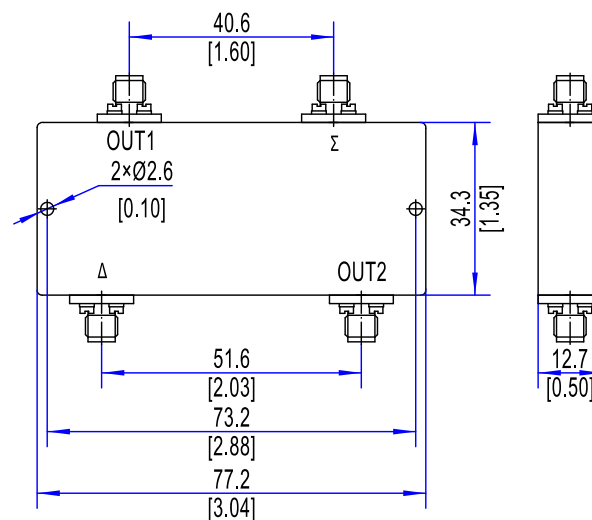
- Equal power split
- 180° phase difference
- Sum & difference ports
- High port isolation
- Low insertion loss

Applications

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

Electrical Specifications		
1	Frequency Range	2.2-2.4 GHz
2	Insertion Loss	≤1.0 dB
3	VSWR	≤1.50:1
4	Isolation	≥20 dB
5	Amplitude Balance	≤±0.5 dB
6	Phase Balance	≤±4°
7	Power Handling	30 W(CW)
Environmental Specifications		
1	Operating Temperature	-55°C to +70°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Housing: Silver Plated; Cover: Clear Conductive Oxide Finish
3	Dimensions ¹	77.2×34.3×12.7 mm / [3.04×1.35×0.50 in]

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



Note 1: Excluding Connector size