

YS4HPC200-5R1-5R9-MP

4-Way Hybrid Power Combiner, 200 W, 5.1-5.9 GHz, Microstrip

Key Features

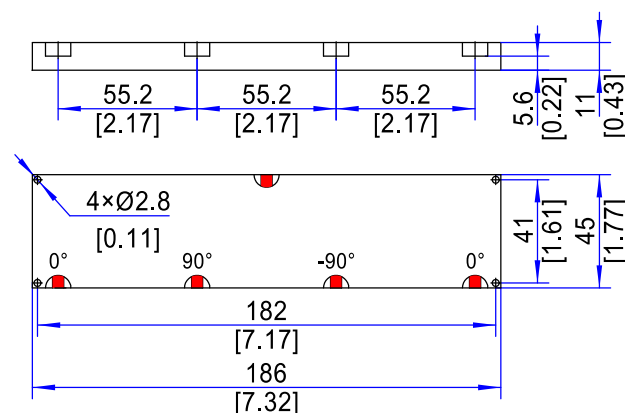
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

- RF power amplifier combining
- Wireless infrastructure
- SATCOM systems
- Radar transmitters
- RF test systems

Electrical Specifications		
1	Frequency Range	5.1-5.9 GHz
2	Insertion Loss	≤ 0.6 dB (avg.)
3	Common Port VSWR	≤1.50:1
4	Branch Port VSWR	≤1.50:1
5	Isolation	≥18 dB
6	Amplitude Balance	≤±0.5 dB
7	Phase Balance	≤±5°
8	Power Handling	200 W(CW), 1 kW (Peak) @ 15% Duty Cycle
9	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	Microstrip Port
2	Surface Finishing	Clear Conductive Oxide Finish
3	Dimensions ¹	186×45×11 mm / [7.32×1.77×0.43 in]

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



Note 1: Excluding Connectors