

YS4HPC200-R7-6-F

4-Way Hybrid Power Combiner, 200 W, 0.7-6 GHz, Feedthrough

Key Features

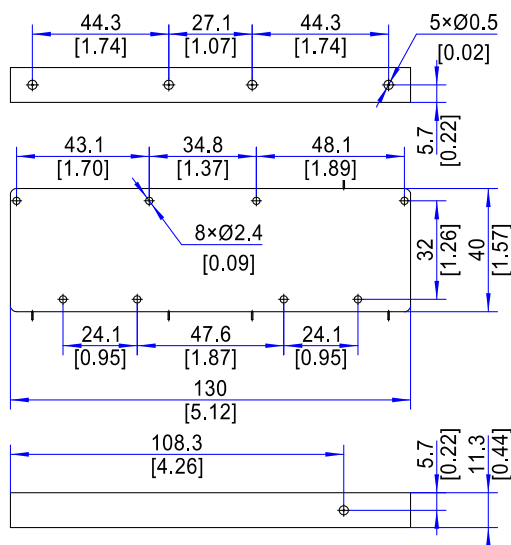
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

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

Electrical Specifications		
1	Frequency Range	0.7-6 GHz
2	Insertion Loss	≤ 1.0 dB (avg.)
3	Common Port VSWR	≤1.60:1
4	Branch Port VSWR	≤1.60:1
5	Isolation	≥15 dB
6	Amplitude Balance	≤±1.8 dB
7	Phase Balance	≤±8°
8	Power Handling	200 W(CW)
9	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	Φ0.5 mm Feedthrough
2	Surface Finishing	Clear Conductive Oxide Finish
3	Dimensions ¹	130×40×11.3 mm / [5.12×1.57×0.44 in]

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



Note 1: Excluding Connectors