

YS4HPC200-R7-6-MP

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

Key Features

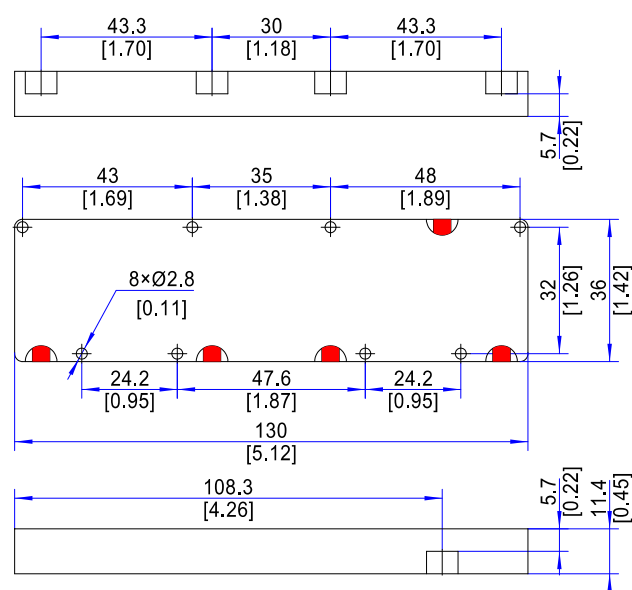
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

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

Electrical Specifications		
1	Frequency Range	0.7-6 GHz
2	Insertion Loss	≤ 1.5 dB (avg.)
3	VSWR	$\leq 1.60:1$
4	Isolation	≥ 14 dB
5	Amplitude Balance	$\leq \pm 1.8$ dB @ 0.7-1 GHz / $\leq \pm 1.5$ dB @ 1-6 GHz
6	Phase Balance	$\leq \pm 8^\circ$
7	Power Handling	200 W(CW)
8	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	130×36×11.4 mm / [5.12×1.42×0.45 in]

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



Note 1: Excluding Connectors