

YS4HPC200-R7-6-S

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

Key Features

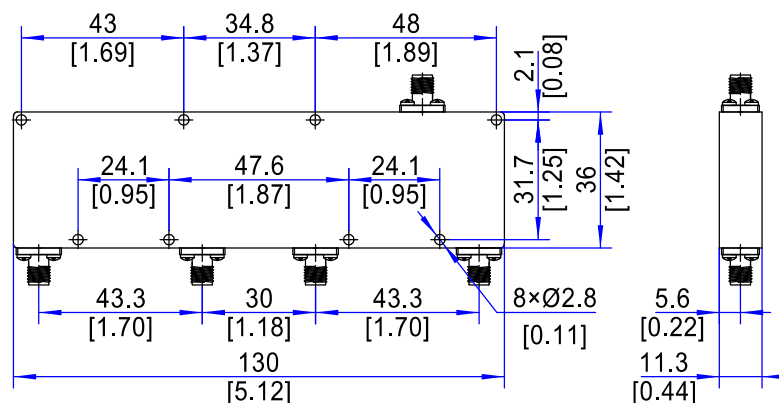
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

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	Output Port VSWR	≤1.60:1
4	Isolation	≥14 dB
5	Amplitude Balance	≤±1.8 dB @ 0.7-1 GHz / ≤±1.5 dB @ 1-6 GHz
6	Phase Balance	≤±8°
7	Power Handling	200 W(CW)
8	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Natural Conductive Oxidation
3	Dimensions ¹	130×36×11.3 mm / [5.12×1.42×0.44 in]

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



Note 1: Excluding Connectors