

YS4HPC120-R5-6-MP

4-Way Hybrid Power Combiner, 120 W, 0.5-6 GHz, Microstrip

Key Features

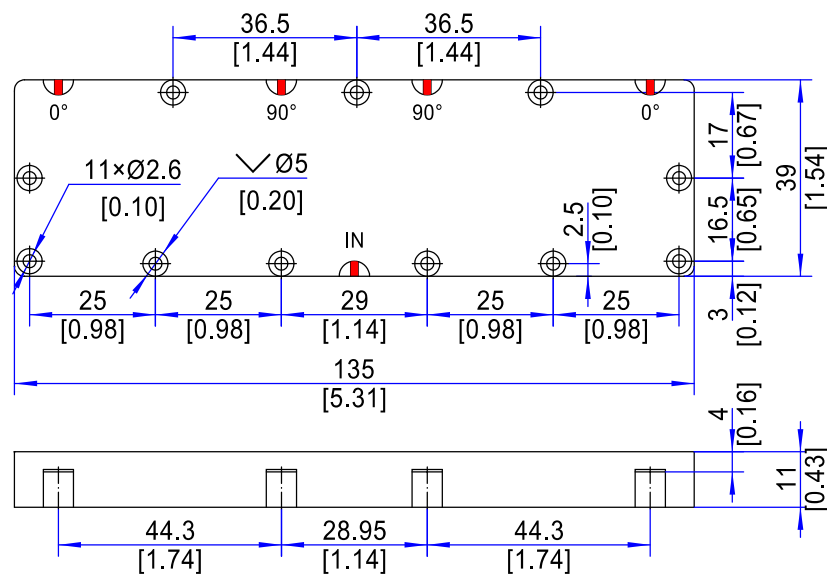
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

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

Electrical Specifications		
1	Frequency Range	0.5-6 GHz
2	Insertion Loss	≤ 1.8 dB (avg.)
3	Common Port VSWR	$\leq 1.70:1$
4	Amplitude Balance	$\leq \pm 1.7$ dB
5	Phase Balance	$\leq \pm 8^\circ$
6	Power Handling	120 W(CW)
7	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-40°C to +70°C
Mechanical Specifications		
1	Connectors	Microstrip Port
2	Surface Finishing	Clear Conductive Oxide Finish
3	Dimensions ¹	135×39×11 mm / [5.31×1.54×0.43 in]

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



Note 1: Excluding Connectors