

YS4HPC150-R99-1R4-F

4-Way Hybrid Power Combiner, 150 W, 0.99-1.4 GHz, Feedthrough

Key Features

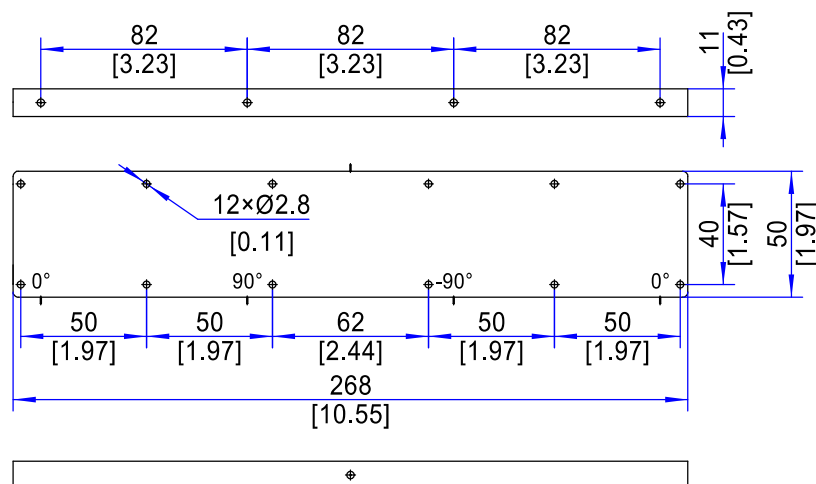
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

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

Electrical Specifications		
1	Frequency Range	0.99-1.4 GHz
2	Insertion Loss	≤ 0.6 dB (avg.)
3	Common Port VSWR	$\leq 1.30:1$
4	Branch Port VSWR	$\leq 1.40:1$
5	Isolation	≥ 18 dB
6	Amplitude Balance	$\leq \pm 0.4$ dB
7	Phase Balance	$\leq \pm 5^\circ$
8	Power Handling	150 W(CW), 3 kW(PK)
9	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	$\Phi 0.5$ mm Feedthrough
2	Surface Finishing	Housing: Silver Plated Cover: Clear Conductive Oxide Finish
3	Dimensions ¹	268×50×11 mm / [10.55×1.97×0.43 in]

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



Note 1: Excluding Connectors