

YS4HPC250-2-4R2-N

4-Way Hybrid Power Combiner, 250 W, 2-4.2 GHz, N-Type

Key Features

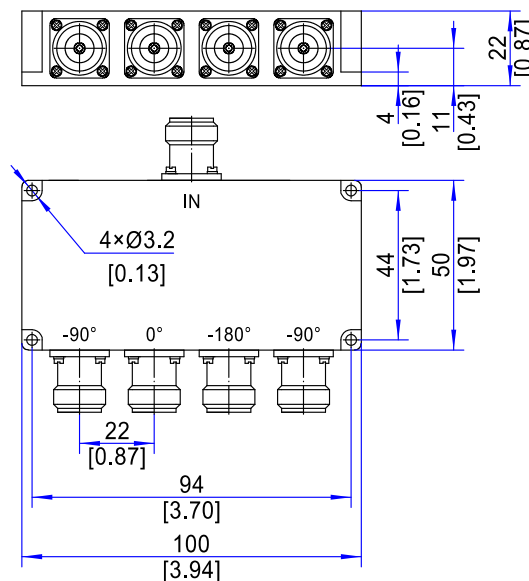
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

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

Electrical Specifications		
1	Frequency Range	2-4.2 GHz
2	Insertion Loss	≤ 0.6 dB (avg.)
3	VSWR	$\leq 1.50:1$
4	Isolation	≥ 15 dB
5	Amplitude Balance	$\leq \pm 1.1$ dB
6	Phase Balance	$\leq \pm 6^\circ$
7	Power Handling	250 W(CW), 1.2 kW(PK)
8	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	N-Type Female
2	Surface Finishing	Natural Conductive Oxidation
3	Dimensions ¹	100×50×22 mm / [3.94×1.97×0.87 in]

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



Note 1: Excluding Connectors