

YS4PC250-R85-1R15-N

4-Way Power Combiner, 250 W, 0.85-1.15 GHz, N-Type

Key Features

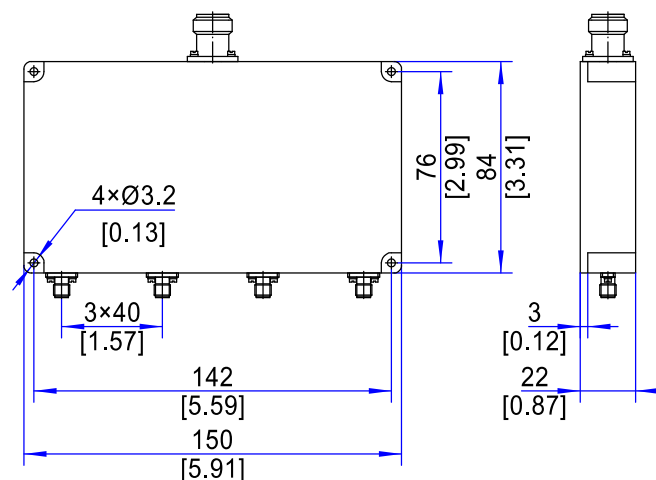
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

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

Electrical Specifications		
1	Frequency Range	0.85-1.15 GHz
2	Insertion Loss	$\leq 0.6\text{dB}$
3	VSWR	$\leq 1.30:1$
4	Isolation	$\geq 20\text{ dB}$
5	Amplitude Balance	$\leq \pm 0.4\text{ dB}$
6	Phase Balance	$\leq \pm 5^\circ$
7	Power Handling	250 W(CW)
8	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	N-Type Female, SMA Female
2	Surface Finishing	Housing: Silver Plated; Cover Clear Conductive Oxide Finish
3	Dimensions ¹	150×84×22 mm / [5.91×3.31×0.87 in]

Outline Drawing (Units: mm/[inch], Tolerance: $\pm 0.2\text{ mm}$)



Note 1: Excluding Connectors