

YS2PC100-2-4-N

2-Way Power Combiner, 100 W, 2-4 GHz, N-Type

Key Features

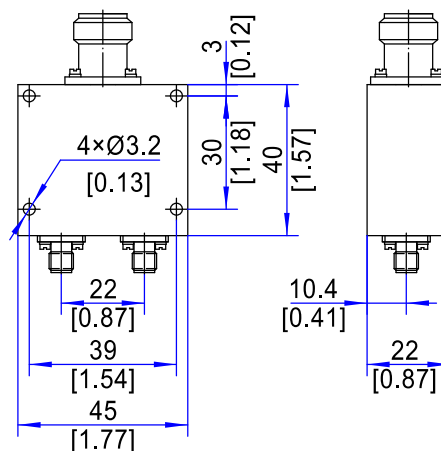
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

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

Electrical Specifications		
1	Frequency Range	2-4 GHz
2	Insertion Loss	≤ 0.4 dB
3	VSWR	$\leq 1.35:1$
4	Isolation	≥ 16 dB
5	Amplitude Balance	$\leq \pm 0.3$ dB
6	Phase Balance	$\leq \pm 5^\circ$
7	Power Handling	100 W(CW)
8	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-40°C to +55°C
Mechanical Specifications		
1	Connectors	N-Type Female, SMA Female
2	Surface Finishing	Gray-white painted housing
3	Dimensions ¹	45×40×22 mm / [1.77×1.57×0.87 in]

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



Note 1: Excluding Connectors