

YS2PC200-8-12-N

2-Way Power Combiner, 200 W, 8-12 GHz, N-Type

Key Features

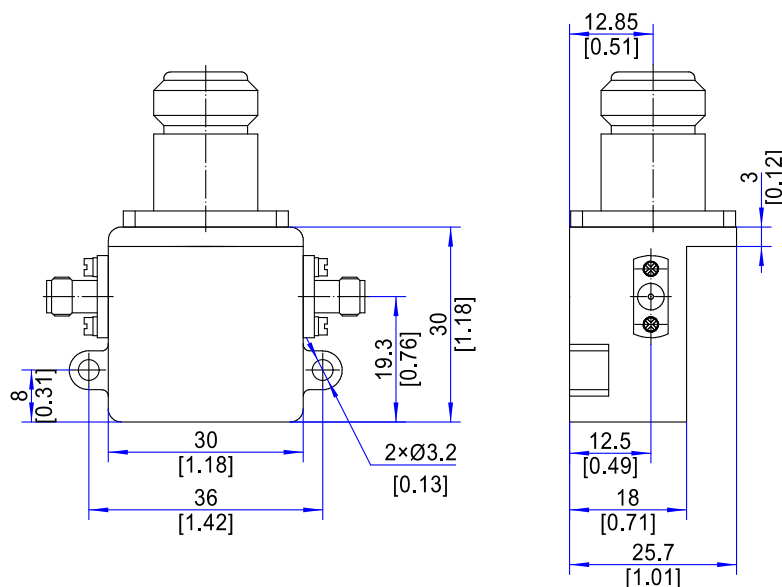
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

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

Electrical Specifications		
1	Frequency Range	8-12 GHz
2	Insertion Loss	≤ 0.9 dB @ 8-12 GHz; ≤ 0.6 dB @ 9-11 GHz
3	Output Port VSWR	$\leq 1.50:1$
4	Isolation	≥ 12 dB @ 8-12 GHz; ≥ 15 dB @ 9-11 GHz;
5	Amplitude Balance	$\leq \pm 0.2$ dB
6	Phase Balance	$\leq \pm 4^\circ$
7	Power Handling	200 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	Silver Plating
3	Dimensions ¹	36×30×25.7 mm / [1.42×1.18×1.01 in]

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



Note 1: Excluding Connectors