

YS2PC150-2R9-3R1-N

2-Way Power Combiner, 150 W, 2.9-3.1 GHz, N-Type

Key Features

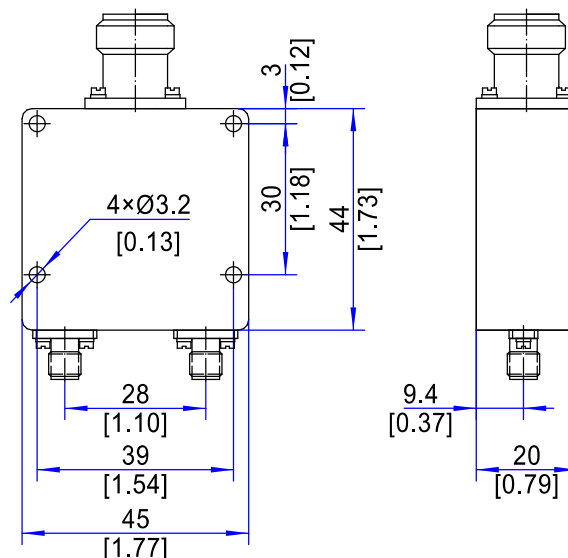
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

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

Electrical Specifications		
1	Frequency Range	2.9-3.1 GHz
2	Insertion Loss	≤ 0.5 dB
3	Output Port VSWR	$\leq 1.40:1$
4	Isolation	≥ 18 dB
5	Amplitude Balance	$\leq \pm 0.3$ dB
6	Phase Balance	$\leq \pm 5^\circ$
7	Power Handling	150 W(CW), 1 kW(PK)
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	45×44×20 mm / [1.77×1.73×0.79 in]

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



Note 1: Excluding Connectors