

YS6RPC200-2-6-N

6-Way Radial Power Combiner, 200 W, 2-6 GHz, N-Type

Key Features

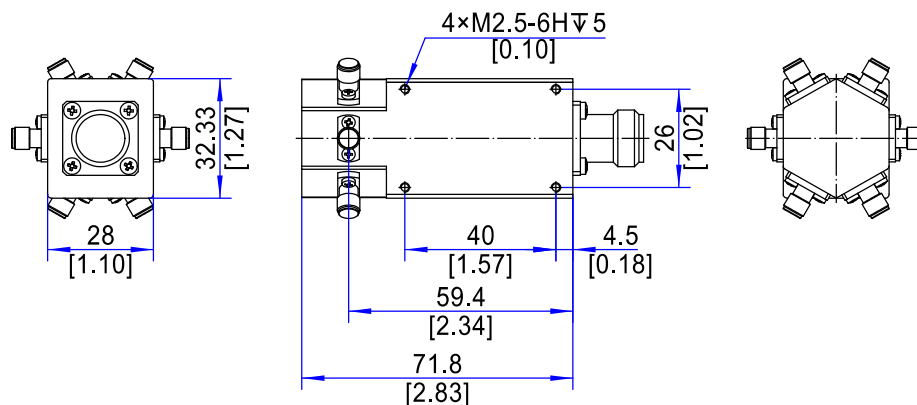
- High-power handling capability
- Low combining loss
- Efficient multi-way power combining
- Compact radial design
- Custom high-power configurations

Applications

- High-power RF amplifiers
- Phased array radar
- Electronic warfare systems
- RF energy and plasma systems
- Broadcast transmitters

Electrical Specifications		
1	Frequency Range	2-6 GHz
2	Insertion Loss	≤ 0.5 dB
3	Common Port VSWR	$\leq 1.50:1$
4	Amplitude Balance	$\leq \pm 0.3$ dB
5	Phase Balance	$\leq \pm 5^\circ$
6	Power Handling	200 W(CW), 1.6 kW(PK)
7	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	Clear Conductive Oxide Finish
3	Dimensions ¹	71.8×28×32.33 mm / [2.83×1.10×1.27 in]

Outline Drawing (Units: mm/[inch], Tolerance: ± 0.3 mm)



Note 1: Excluding Connectors