

YS4RPC200-6-18-N

4-Way Radial Power Combiner, 200 W, 6-18 GHz, N-Type

Key Features

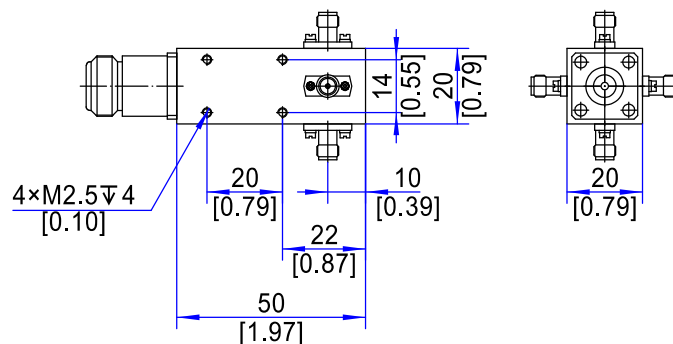
- High-power handling capability
- Low combining loss
- Efficient multi-way power combining
- Compact radial design
- Custom high-power configurations

Applications

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

Electrical Specifications		
1	Frequency Range	6-18 GHz
2	Insertion Loss	≤ 0.9 dB(avg.)
3	Common Port VSWR	$\leq 1.50:1$
4	Amplitude Balance	$\leq \pm 0.6$ dB@ Same Frequency
5	Phase Balance	$\leq \pm 8^\circ$
6	Power Handling	200 W(CW)
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	50×22×20 mm / [1.97×0.79×0.79 in]

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



Note 1: Excluding Connectors