

YS16RPC200-8-12-N

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

Key Features

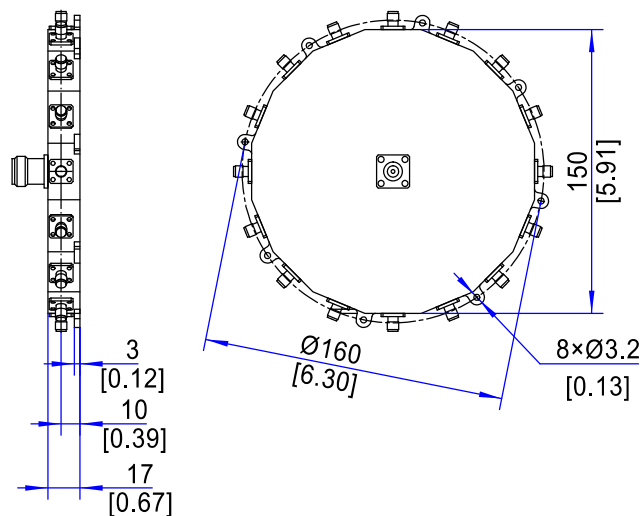
- High-power handling capability
- Low combining loss
- Efficient multi-way power combining
- Compact radial design
- Custom high-power configurations

Applications

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

Electrical Specifications		
1	Frequency Range	8-12 GHz
2	Insertion Loss	≤ 0.8 dB(Average at Same Frequency Point)
3	Common Port VSWR	$\leq 1.60:1$
4	Amplitude Balance	$\leq \pm 0.4$ dB
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	Housing: Silver Plated Cover: Clear Conductive Oxide Finish
3	Dimensions ¹	$\Phi 160 \times 17$ mm / [$\Phi 6.30 \times 0.67$ in]

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



Note 1: Excluding Connectors