

YS20RPC200-3-18-N

20-Way Radial Power Combiner, 200 W, 3-18 GHz, N-Type

Key Features

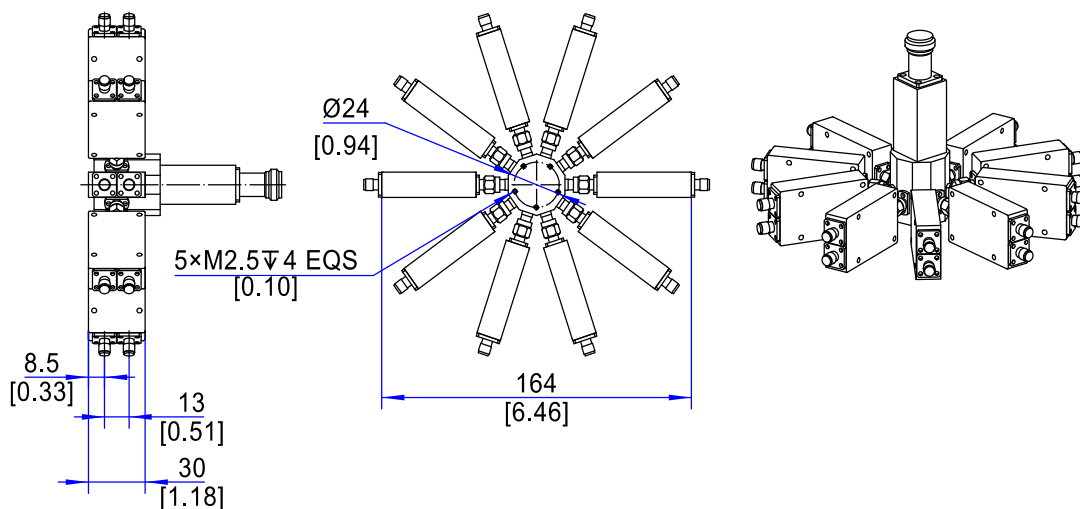
- High-power handling capability
- Low combining loss
- Efficient multi-way power combining
- Compact radial design
- Custom high-power configurations

Applications

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

Electrical Specifications		
1	Frequency Range	3-18 GHz
2	Insertion Loss	≤1.5 dB(Average at Same Frequency Point)
3	Common Port VSWR	≤1.80:1
4	Amplitude Balance	≤±1.2 dB at Same Frequency Point
5	Phase Balance	≤±12°
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	Φ164×30 mm / [Φ6.46×1.18 in]

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



Note 1: Excluding Connectors