

YS8RPC300-2-6-N

8-Way Radial Power Combiner, 300 W, 2-6 GHz, N-Type

Key Features

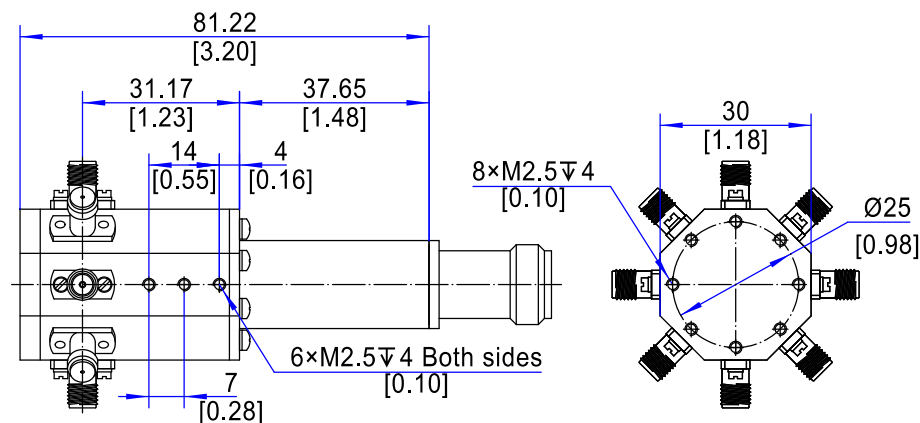
- High-power handling capability
- Low combining loss
- Efficient multi-way power combining
- Compact radial design
- Custom high-power configurations

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(avg.)
3	Common Port VSWR	≤1.40:1
4	Amplitude Balance	≤±0.3 dB @ Same Frequency
5	Phase Balance	≤±5°
6	Power Handling	300 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	81.22×30×30 mm / [3.20×1.18×1.18 in]

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



Note 1: Excluding Connectors