

YS16RPC1000-R4-R5-N

16-Way Radial Power Combiner, 1 kW, 0.4-0.5 GHz, N-Type

Key Features

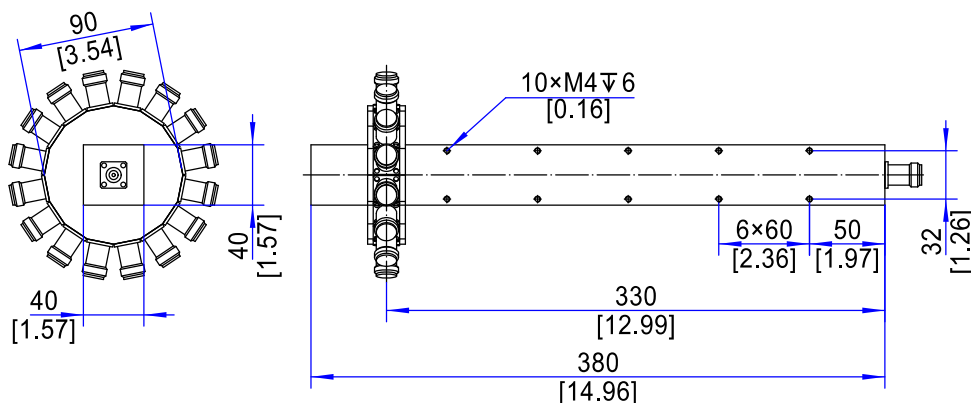
- High-power handling capability
- Low combining loss
- Efficient multi-way power combining
- Compact radial design
- Custom high-power configurations

Applications

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

Electrical Specifications		
1	Frequency Range	0.4-0.5 GHz
2	Insertion Loss	≤ 0.3 dB(avg.)
3	Common Port VSWR	$\leq 1.30:1$
4	Amplitude Balance	$\leq \pm 0.2$ dB
5	Phase Balance	$\leq \pm 5^\circ$
6	Power Handling	1 kW(CW), 4 kW(PK)
7	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	N-Type Female
2	Surface Finishing	Gray-white painted housing
3	Waterproof Rating	IP65
4	Dimensions ¹	380× Φ 91.67 mm / [14.96× Φ 3.61 in]

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



Note 1: Excluding Connectors