

YS8RPC1000-2R018-2R12-7

8-Way Radial Power Combiner, 1 kW, 2.018-2.12 GHz, 7/16 DIN

Key Features

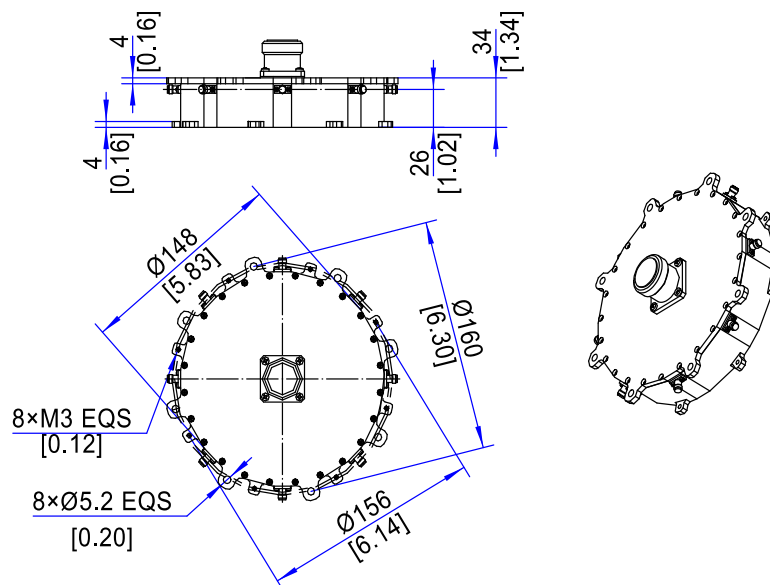
- High-power handling capability
- Low combining loss
- Efficient multi-way power combining
- Compact radial design
- Custom high-power configurations

Applications

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

Electrical Specifications		
1	Frequency Range	2.018-2.12 GHz
2	Insertion Loss	≤0.5 dB(avg.)
3	Common Port VSWR	≤1.50:1
4	Amplitude Balance	≤±0.3 dB
5	Phase Balance	≤±5°
6	Power Handling	1 kW(CW)
7	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	7/16 DIN Female, SMA Female
2	Surface Finishing	Silver-plated on bottom face; Gray-white painted on all other surfaces.
3	Dimensions ¹	Φ160×34 mm / [Φ6.30×1.34 in]

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



Note 1: Excluding Connectors