

YS12RPC1800-13R75-14R8-BJ140

12-Way Radial Power Combiner, 1.8 kW, 13.75-14.8 GHz, BJ140

Key Features

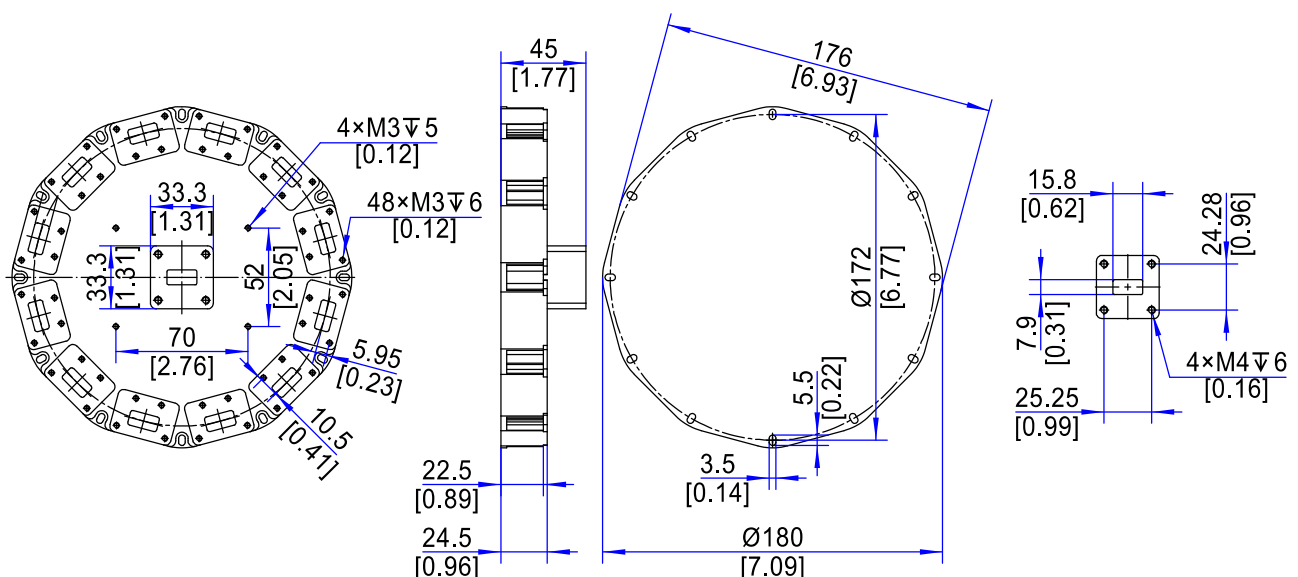
- High-power handling capability
- Low combining loss
- Efficient multi-way power combining
- Compact radial design
- Custom high-power configurations

Applications

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

Electrical Specifications		
1	Frequency Range	13.75-14.8 GHz
2	Insertion Loss	≤0.7 dB(avg.)
3	Common Port VSWR	≤1.50:1
4	Amplitude Balance	≤±0.4 dB
5	Phase Balance	≤±8°
6	Power Handling	1.8 kW(CW)
7	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	BJ140
2	Surface Finishing	Silver Plating
3	Dimensions ¹	Φ180×45 mm / [Φ7.09×1.77 in]

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



Note 1: Excluding Connectors