

YS10RPC800-5R85-6R425-BJ70

10-Way Radial Power Combiner, 800 W, 5.85-6.425 GHz, BJ70

Key Features

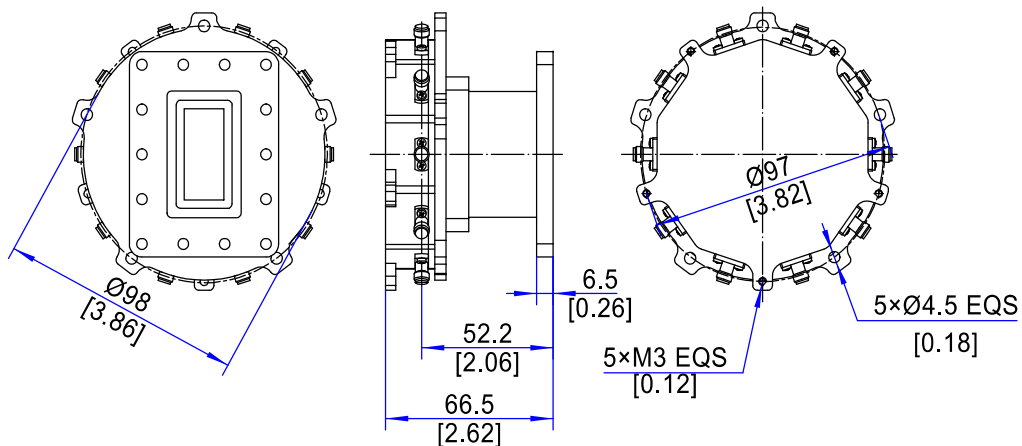
- High-power handling capability
- Low combining loss
- Efficient multi-way power combining
- Compact radial design
- Custom high-power configurations

Applications

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

Electrical Specifications		
1	Frequency Range	5.85-6.425 GHz
2	Insertion Loss	≤ 0.4 dB
3	Common Port VSWR	$\leq 1.50:1$
4	Amplitude Balance	$\leq \pm 0.5$ dB
5	Phase Balance	$\leq \pm 8^\circ$
6	Power Handling	800 W(CW), 6 kW(PK)
7	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	BJ70, SMA Female
2	Surface Finishing	Clear Conductive Oxide Finish
3	Dimensions ¹	$\Phi 98 \times 66.5$ mm / [$\Phi 3.86 \times 2.62$ in]

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



Note 1: Excluding Connectors