

YS2PC2500-R2-1-7

2-Way Power Combiner, 2.5 kW, 0.2-1 GHz, 7/16 DIN

Key Features

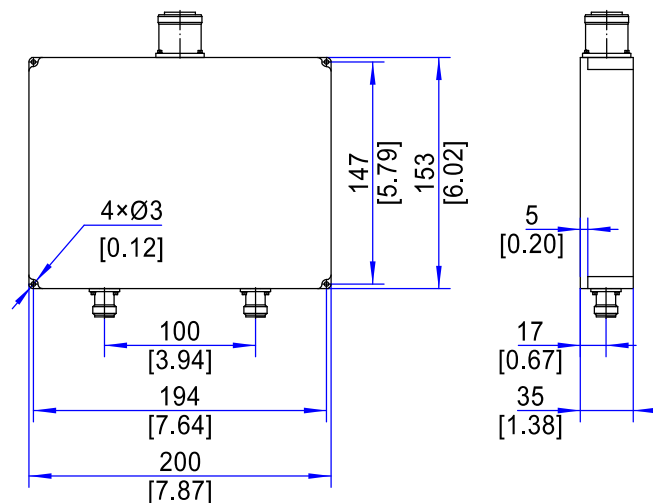
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

- RF power amplifier combining
- Wireless infrastructure
- SATCOM systems
- Radar transmitters
- RF test systems

Electrical Specifications		
1	Frequency Range	0.2-1 GHz
2	Insertion Loss	≤ 0.5 dB
3	VSWR	$\leq 1.30:1$
4	Amplitude Balance	$\leq \pm 0.3$ dB
5	Phase Balance	$\leq \pm 3^\circ$
6	Power Handling	2.5 kW(CW)
7	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	7/16 DIN Female, N-Type Female
2	Surface Finishing	Natural Conductive Oxidation
3	Dimensions ¹	200×153×35 mm / [7.87×6.02×1.38 in]

Outline Drawing (Units: mm/[inch], Tolerance: ± 0.2 mm)



Note 1: Excluding Connectors