

YS4PC2500-80M-1-7

4-Way Power Combiner, 2.5 kW, 0.08-1 GHz, 7/16 DIN

Key Features

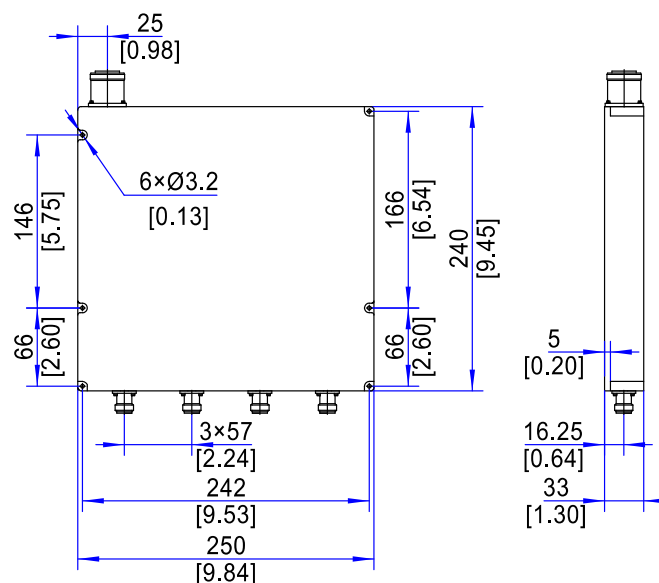
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

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

Electrical Specifications		
1	Frequency Range	0.08-1 GHz
2	Insertion Loss	≤ 0.7 dB(Avg.)
3	VSWR	$\leq 1.60:1$
4	Amplitude Balance	$\leq \pm 0.2$ 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	Housing: Silver Plated; Cover: Clear Conductive Oxide Finish
3	Dimensions ¹	250×240×33 mm / [9.84×9.45×1.30 in]

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



Note 1: Excluding Connectors