

YS4HPC400-2-6-M7

4-Way Hybrid Power Combiner, 400 W, 2-6 GHz, Mini 7/16 DIN

Key Features

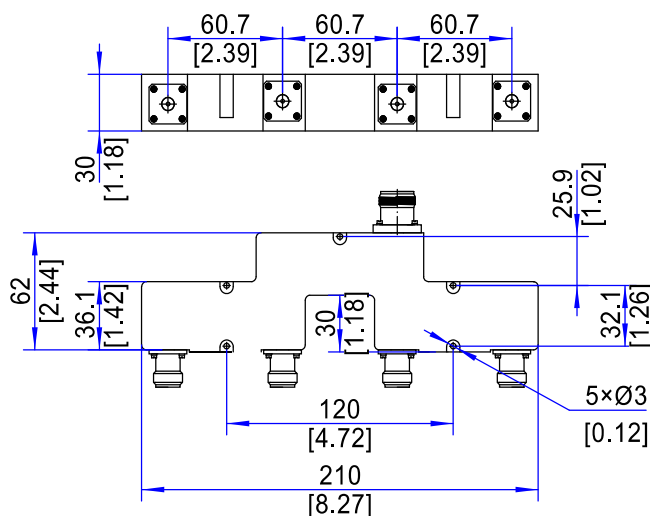
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

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

Electrical Specifications		
1	Frequency Range	2-6 GHz
2	Insertion Loss	≤ 0.8 dB
3	VSWR	$\leq 1.60:1$
4	Isolation	≥ 15 dB
5	Amplitude Balance	$\leq \pm 0.5$ dB
6	Phase Balance	$\leq \pm 10^\circ$
7	Power Handling	400 W(CW)
8	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	Mini 7/16 DIN Female, N-Type Female
2	Surface Finishing	Clear Conductive Oxide Finish
3	Dimensions ¹	210×62×30 mm / [8.27×2.44×1.18 in]

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



Note 1: Excluding Connectors

Usage Requirement: For combiner operation, this unit must be used in pairs with a matching unit of the same model. Connection shall follow the wiring diagram provided below.

