

YS4PC800-R1-R4-7

4-Way Power Combiner, 800 W, 0.1-0.4 GHz, 7/16 DIN

Key Features

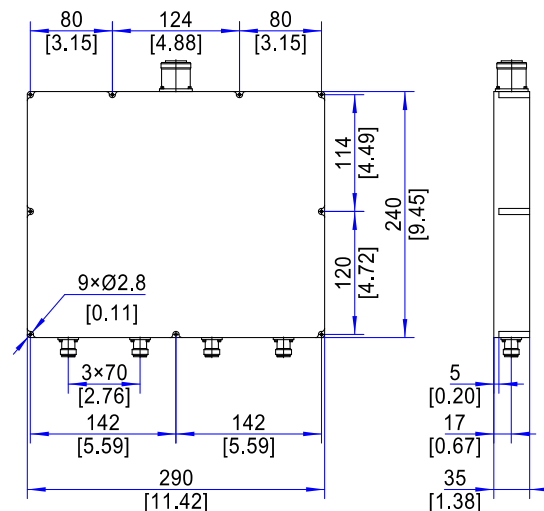
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

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

Electrical Specifications		
1	Frequency Range	0.1-0.4 GHz
2	Insertion Loss	≤0.6 dB
3	Common Port VSWR	≤1.40:1
4	Branch Port VSWR	≤1.30:1
5	Isolation	≥15 dB
6	Amplitude Balance	≤±0.2 dB
7	Phase Balance	≤±3°
8	Power Handling	800 W(CW), 2 kW(PK)
9	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	290×240×35 mm / [11.42×9.45×1.38 in]

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



Note 1: Excluding Connectors