

YS4PC300-9R3-9R5-F

4-Way Power Combiner, 300 W, 9.3-9.5 GHz, Feedthrough

Key Features

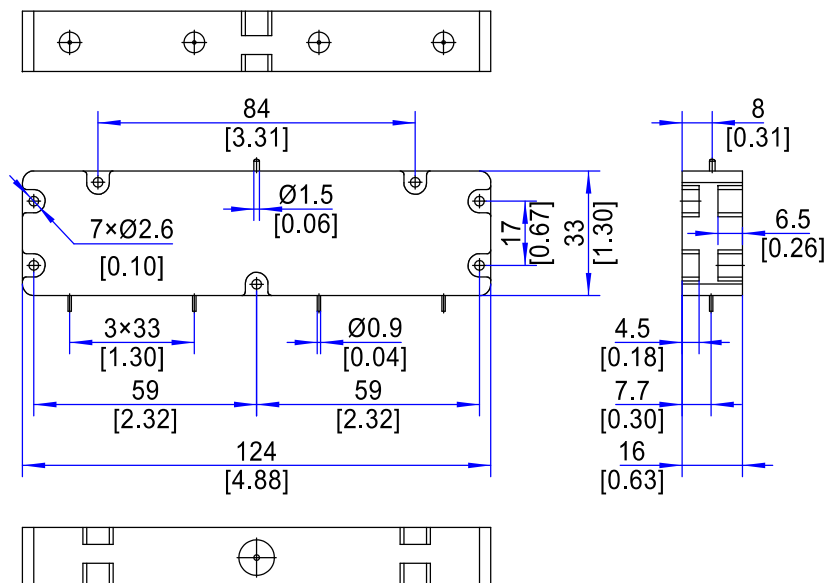
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

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

Electrical Specifications		
1	Frequency Range	9.3-9.5 GHz
2	Insertion Loss	≤1.0 dB(Avg.)
3	VSWR	≤1.40:1
4	Isolation	≥18 dB
5	Amplitude Balance	≤±0.3 dB
6	Phase Balance	≤±5°
7	Power Handling	300 W(CW), 1.5 kW(PK)
8	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	Φ1.5 mm Feedthrough, Φ0.9 mm Feedthrough
2	Surface Finishing	Housing: Silver Plated
3	Dimensions ¹	124×33×16 mm / [4.88×1.30×0.63 in]

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



Note 1: Excluding Connectors