

YS4PC37-14R3-14R8-F

4-Way Power Combiner, 37 W, 14.3-14.8 GHz, Feedthrough

Key Features

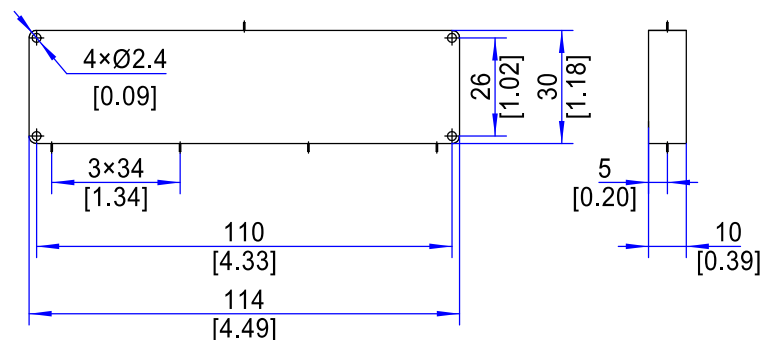
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

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

Electrical Specifications		
1	Frequency Range	14.3-14.8 GHz
2	Insertion Loss	≤1.0 dB
3	Common Port VSWR	≤1.50:1
4	Branch Port VSWR	≤1.50:1
5	Isolation	≥18 dB
6	Amplitude Balance	≤±0.3 dB
7	Phase Balance	≤±5°
8	Power Handling	250 W(15% Duty Cycle)
9	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	φ0.5 mm Feedthrough
2	Surface Finishing	Silver Plating
3	Dimensions ¹	114×30×10 mm / [4.49×1.18×0.39 in]

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



Note 1: Excluding Connectors