

YS4PC400-R7-1R224-F

4-Way Power Combiner, 400 W, 0.7-1.224 GHz, Feedthrough

Key Features

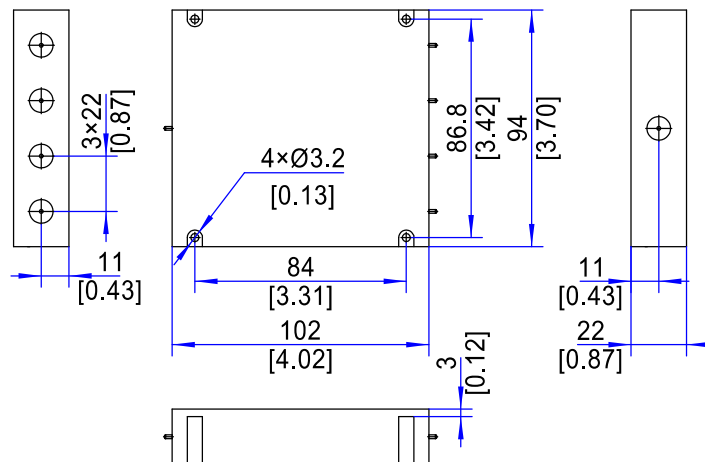
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

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

Electrical Specifications		
1	Frequency Range	0.7-1.224 GHz
2	Insertion Loss	≤ 0.5 dB
3	VSWR	$\leq 1.40:1$
4	Isolation	≥ 18 dB
5	Amplitude Balance	$\leq \pm 0.5$ dB
6	Phase Balance	$\leq \pm 5^\circ$
7	Power Handling	400 W(CW)
8	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	$\phi 1.5$ mm Feedthrough
2	Surface Finishing	Housing: Silver Plated
3	Dimensions ¹	102×94×22 mm / [4.02×3.70×0.87 in]

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



Note 1: Excluding Connectors