

YS4PC450-R95-1R22-N

4-Way Power Combiner, 450 W, 0.95-1.22 GHz, N-Type

Key Features

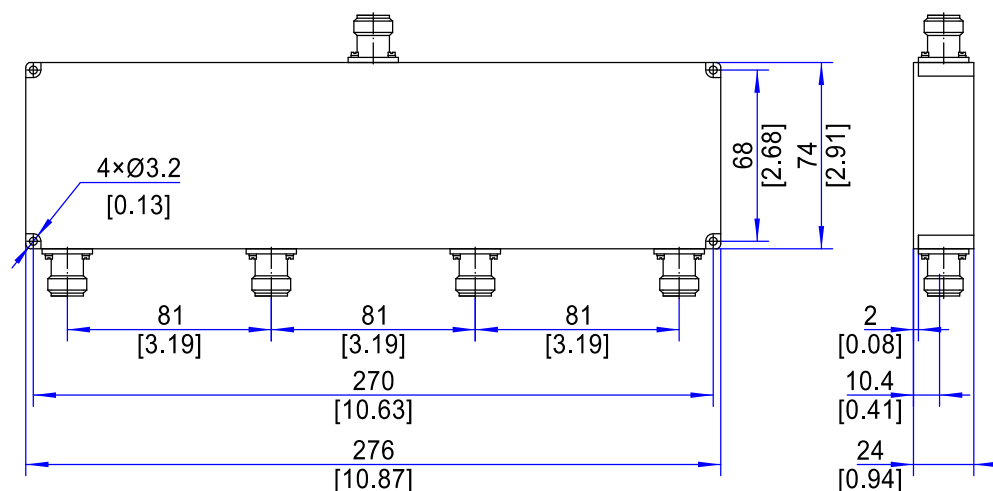
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

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

Electrical Specifications		
1	Frequency Range	0.95-1.22 GHz
2	Insertion Loss	≤ 0.5 dB
3	VSWR	$\leq 1.30:1$
4	Isolation	≥ 18 dB
5	Amplitude Balance	$\leq \pm 0.3$ dB
6	Phase Balance	$\leq \pm 3^\circ$
7	Power Handling	450 W(CW), 10 kW(PK)
8	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	N-Type Female
2	Surface Finishing	Housing: Silver Plated
3	Dimensions ¹	276×74×24 mm / [10.87×2.91×0.94 in]

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



Note 1: Excluding Connectors