

YS8PC560-R96-1R215-N

8-Way Power Combiner, 560 W, 0.96-1.215 GHz, N-Type

Key Features

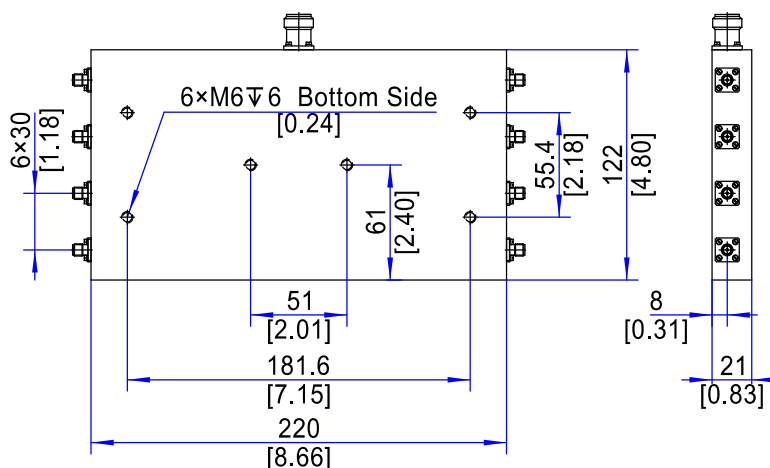
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

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

Electrical Specifications		
1	Frequency Range	0.96-1.215 GHz
2	Insertion Loss	≤ 0.6 dB
3	VSWR	$\leq 1.40:1$
4	Isolation	≥ 20 dB
5	Amplitude Balance	$\leq \pm 0.15$ dB
6	Phase Balance	$\leq \pm 2^\circ$
7	Power Handling	560 W(CW) Per-Channel Power: 70 W (CW), 1500 W(PK), Duty Cycle $\leq 6\%$
8	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-50°C to +70°C
Mechanical Specifications		
1	Connectors	N-Type Female, SMA Female
2	Surface Finishing	Housing: Silver Plated Cover: Clear Conductive Oxide Finish
3	Dimensions ¹	220×122×21 mm / [8.66×4.80×0.83 in]

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



Note 1: Excluding Connectors