

YS2PC1000-80M-1-N

2-Way Power Combiner, 1 kW, 0.08-1 GHz, N-Type

Key Features

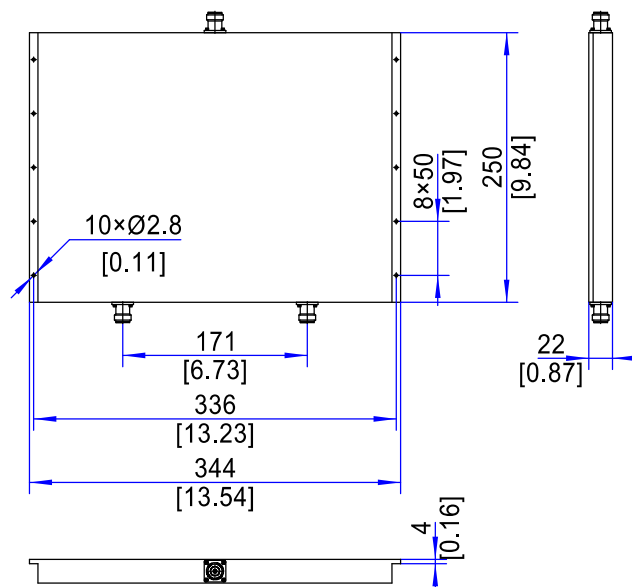
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

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

Electrical Specifications		
1	Frequency Range	0.08-1 GHz
2	Insertion Loss	≤ 0.6 dB(Avg.)
3	Common Port VSWR	$\leq 1.40:1$
4	Amplitude Balance	$\leq \pm 0.2$ dB
5	Phase Balance	$\leq \pm 2^\circ$
6	Power Handling	1 kW(CW)
7	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	N-Type Female
2	Surface Finishing	Natural Conductive Oxidation
3	Dimensions ¹	344×250×22 mm / [13.54×9.84×0.87 in]

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



Note 1: Excluding Connectors