

YS4HPC360-4-8-N

4-Way Hybrid Power Combiner, 360 W, 4-8 GHz, N-Type

Key Features

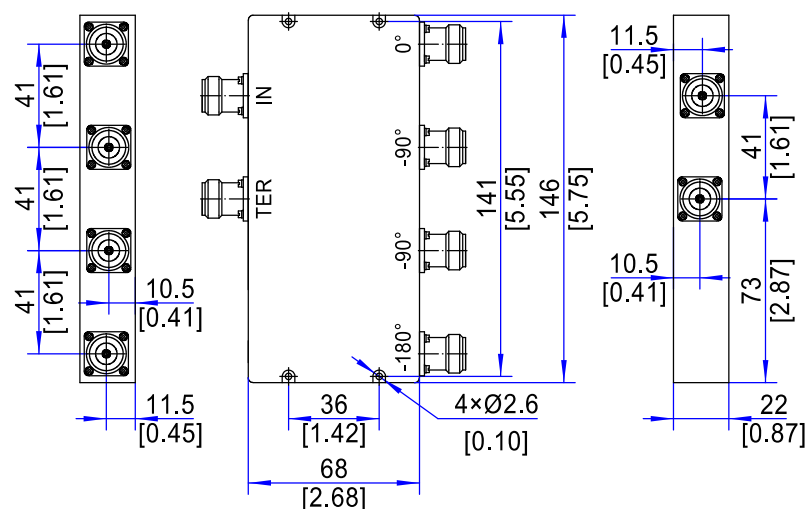
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

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

Electrical Specifications		
1	Frequency Range	4-8 GHz
2	Insertion Loss	≤ 0.9 dB
3	Output Port VSWR	$\leq 1.60:1$
4	Isolation	≥ 15 dB
5	Amplitude Balance	$\leq \pm 0.6$ dB
6	Phase Balance	$\leq \pm 6^\circ$
7	Power Handling	360 W(CW), 3 kW(PK), 12% Duty Cycle
8	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	146×68×22 mm / [5.75×2.68×0.87 in]

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



Note 1: Excluding Connectors