

YS4HPC100-R8-3R05-S

4-Way Hybrid Power Combiner, 100 W, 0.8-3.05 GHz, SMA

Key Features

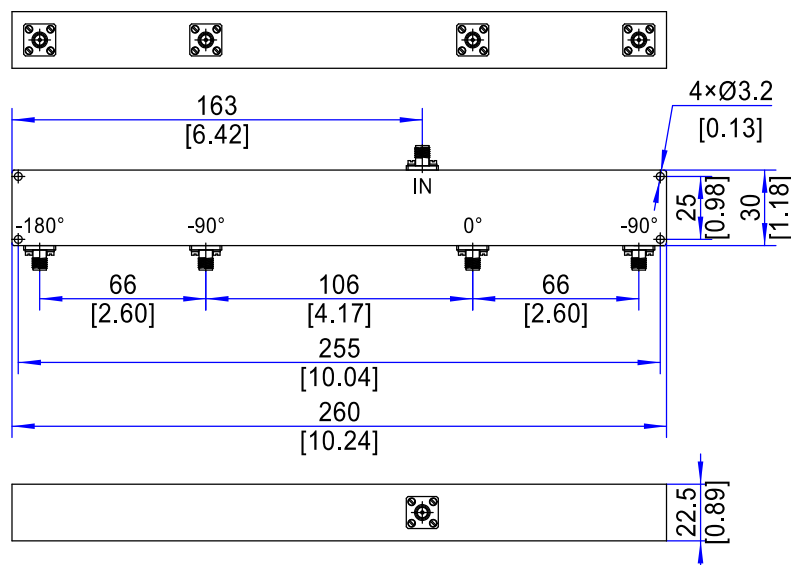
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

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

Electrical Specifications		
1	Frequency Range	0.8-3.05 GHz
2	Insertion Loss	≤ 0.8 dB (avg.)
3	Output Port VSWR	≤1.50:1
4	Isolation	≥15 dB
5	Amplitude Balance	±0.8 dB
6	Phase Balance	±5°
7	Power Handling	100 W(CW)
8	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Natural Conductive Oxidation
3	Dimensions ¹	260×30×22.5 mm / [10.24×1.18×0.89 in]

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



Note 1: Excluding Connectors