

YS4PC300-R35-R75-N

4-Way Power Combiner, 300 W, 0.35-0.75 GHz, N-Type

Key Features

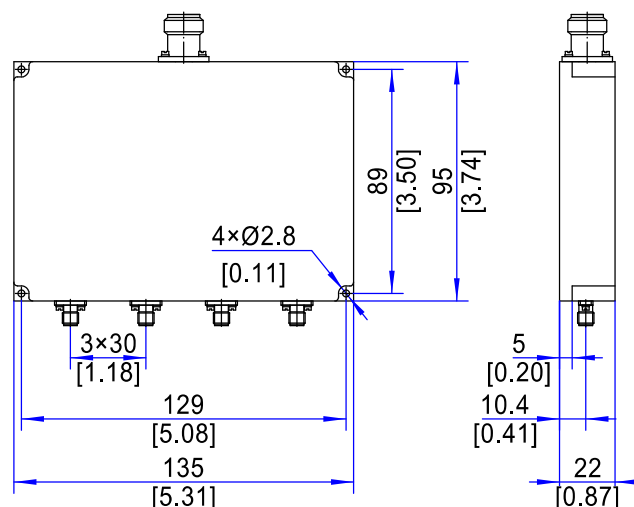
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

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

Electrical Specifications		
1	Frequency Range	0.35-0.75 GHz
2	Insertion Loss	≤ 0.5 dB
3	VSWR	$\leq 1.25:1$
4	Isolation	≥ 20 dB
5	Amplitude Balance	$\leq \pm 0.2$ dB
6	Phase Balance	$\leq \pm 4^\circ$
7	Power Handling	300 W(CW)
8	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	N-Type Female, SMA Female
2	Surface Finishing	Silver Plating
3	Dimensions ¹	135×95×22 mm / [5.31×3.74×0.87 in]

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



Note 1: Excluding Connectors