

YS4PC300-5-6-F

4-Way Power Combiner, 300 W, 5-6 GHz, Feedthrough

Key Features

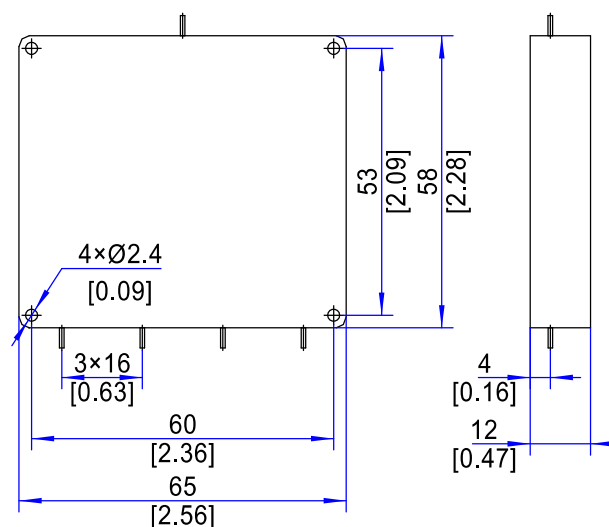
- Low insertion loss
- High port isolation
- Wide operating bandwidth
- Excellent amplitude and phase balance
- Custom frequency and power options

Applications

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

Electrical Specifications		
1	Frequency Range	5-6 GHz
2	Insertion Loss	≤ 0.5 dB
3	VSWR	$\leq 1.30:1$
4	Amplitude Balance	$\leq \pm 0.3$ dB
5	Phase Balance	$\leq \pm 3^\circ$
6	Power Handling	300 W(CW)
7	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	$\Phi 0.9$ mm Feedthrough
2	Surface Finishing	Housing: Silver Plated
3	Dimensions ¹	65×58×12 mm / [2.56×2.28×0.47 in]

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



Note 1: Excluding Connectors