

YS2WPD10-5-12-K

2-Way Wilkinson Power Divider, 10 W, 5-12 GHz, 2.92 mm

Key Features

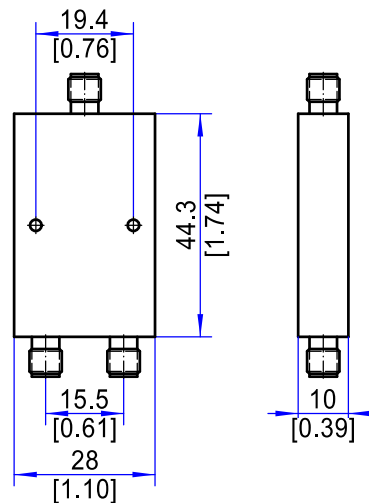
- 5-12 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation (≥ 16 dB)
- 10 W Power Handling

Applications

- RF & Microwave Systems
- Test & Measurement
- Radar & EW Systems
- Communication Networks
- Signal Distribution

Electrical Specifications		
1	Frequency Range	5-12 GHz
2	Insertion Loss	≤ 0.5 dB
3	Input Port VSWR	$\leq 1.35:1$
4	Output Port VSWR	$\leq 1.3:1$
5	Isolation	≥ 16 dB
6	Amplitude Balance	$\leq \pm 0.2$ dB
7	Phase Balance	$\leq \pm 3^\circ$
8	Power Handling	10 W(CW)
9	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	2.92 mm Female
2	Surface Finishing	Silver Plating
3	Dimensions ¹	28×44.3×10 mm / [1.10×1.74×0.39 in]

Outline Drawing (Units: mm/[inch], Tolerance: ± 0.3 mm)



Note 1: Excluding Connectors