

YS2WPD10-6-12-S

2-Way Wilkinson Power Divider, 10W, 6-12 GHz, SMA

Key Features

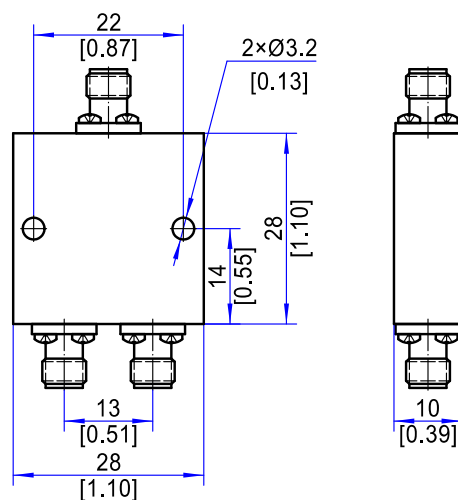
- 6-12 GHz broadband
- Low insertion loss
- High port isolation
- Good amplitude balance
- Compact SMA design

Applications

- RF test systems
- Signal distribution
- Communication systems
- Lab & R&D use
- Receiver testing

Electrical Specifications		
1	Frequency Range	6-12 GHz
2	Insertion Loss	≤0.4 dB (Excluding theoretical loss 3.01 dB)
3	Input Port VSWR	≤1.25:1
4	Output Port VSWR	≤1.25:1
5	Isolation	≥18 dB
6	Amplitude Balance	≤±0.2 dB
7	Phase Balance	≤±3°
8	Power Handling	Forward Power: 10 W; Reverse Power: 1 W
9	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-45°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Black Paint
3	Dimensions ¹	28×28×10 mm / [1.10×1.10×0.39 in]
4	Weight(g)	30

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



Note 1: Excluding Connectors