

## YS2WPD1-5M-1-S

2-Way Wilkinson Power Divider, 1W, 0.005-1 GHz, SMA

### Key Features

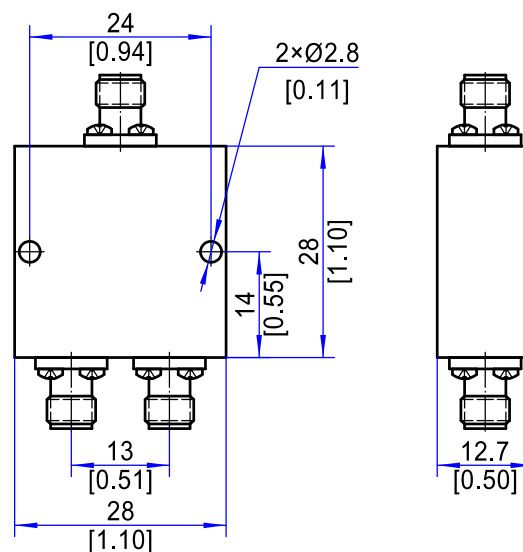
- 5 MHz-1 GHz broadband
- Low insertion loss
- High port isolation
- Good amplitude balance
- Compact SMA design

### Applications

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

Electrical Specifications		
1	Frequency Range	0.005-1 GHz
2	Insertion Loss	≤1.0 dB (Excluding theoretical loss 3.01 dB)
3	Input Port VSWR	≤1.3:1
4	Output Port VSWR	≤1.3:1
5	Isolation	≥18 dB
6	Amplitude Balance	≤±0.3 dB
7	Phase Balance	≤±3°
8	Impedance	50 Ω
9	Power Handling	Forward Power: 1 W:Reverse Power: 0.1 W
Environmental Specifications		
1	Operating Temperature	-35°C to +75°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Black Paint
3	Dimensions <sup>1</sup>	28×28×12.7 mm / [1.1×1.1×0.5 in]

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



Note 1: Excluding Connectors