

YS3WPD1-10M-1-S

3-Way Wilkinson Power Divider, 1 W, 0.01-1 GHz, SMA

Key Features

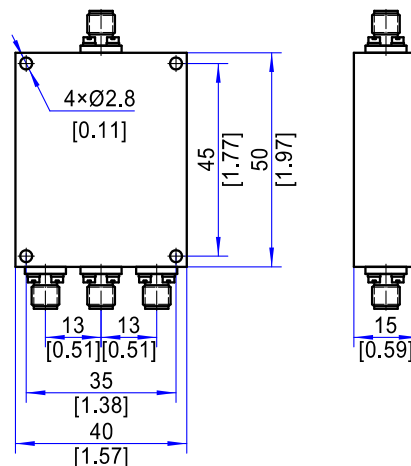
- 0.01-1 GHz broadband
- Low insertion loss
- High port isolation
- Good amplitude balance
- Compact SMA design

Applications

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

Electrical Specifications		
1	Frequency Range	0.01-1 GHz
2	Insertion Loss	≤ 2.0 dB (Excluding theoretical loss 4.8 dB)
3	Input Port VSWR	≤1.5: 1@10 MHz-400 MHz ≤1.7: 1@400 MHz-1000 MHz
4	Output Port VSWR	≤1.3: 1
5	Isolation	≥20 dB@10 MHz-400 MHz ≥15 dB@400 MHz-1000 MHz
6	Amplitude Balance	≤±0.5 dB
7	Phase Balance	≤±5°
8	Power Handling	Forward Power: 1 W; Reverse Power: 0.15 W
9	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-40°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Sandblasting Natural Color Conductive Oxide
3	Dimensions ¹	50×40×15 mm / [1.97×1.57×0.59 in]

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



Note 1: Excluding Connectors