

YS2WPD1-80M-1-S

2-Way Wilkinson Power Divider, 1 W, 0.08-1 GHz, SMA

Key Features

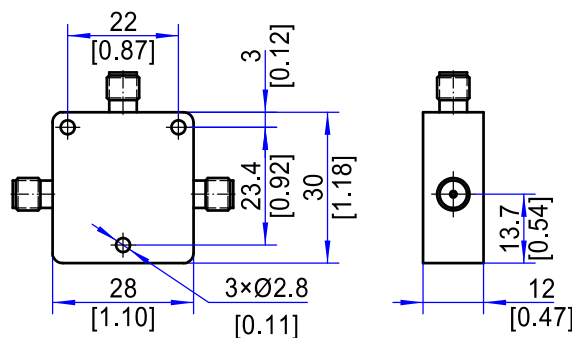
- 0.08-1 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation (≥ 15 dB)
- 1 W Power Handling

Applications

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

Electrical Specifications		
1	Frequency Range	0.08-1 GHz
2	Insertion Loss	≤ 1.2 dB
3	Input Port VSWR	$\leq 1.8:1$
4	Output Port VSWR	$\leq 1.5:1$
5	Isolation	≥ 15 dB
6	Amplitude Balance	$\leq \pm 0.3$ dB
7	Phase Balance	$\leq \pm 5^\circ$
8	Power Handling	≤ 1 W
9	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Natural Conductive Oxidation
3	Dimensions ¹	28×30×12 mm / [1.10×1.18×0.47 in]

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



Note 1: Excluding Connectors