

YS3WPD30-2-2R5-S

3-Way Wilkinson Power Divider, 30 W, 2-2.5 GHz, SMA

Key Features

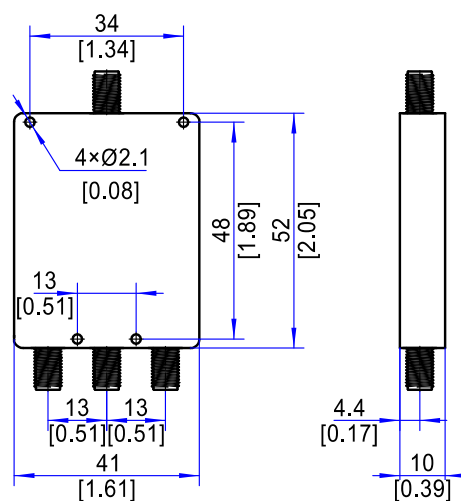
- 2-2.5 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation (≥ 22 dB)
- 30 W Power Handling

Applications

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

Electrical Specifications		
1	Frequency Range	2-2.5 GHz
2	Insertion Loss	≤ 0.6 dB
3	Input Port VSWR	$\leq 1.3:1$
4	Output Port VSWR	$\leq 1.3:1$
5	Isolation	≥ 22 dB
6	Amplitude Balance	$\leq \pm 0.4$ dB
7	Phase Balance	$\leq \pm 5^\circ$
8	Power Handling	Forward Power: 30 W; Reverse Power: 1 W
9	DC Pass Capability	≤ 100 mA
10	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-40°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Putty filling and gray-white paint spraying
3	Dimensions ¹	41×52×10 mm / [1.61×2.05×0.39 in]

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



Note 1: Excluding Connectors