

YS2WPD10-40-47-2

2-Way Wilkinson Power Divider, 10 W, 40-47 GHz, 2.4 mm

Key Features

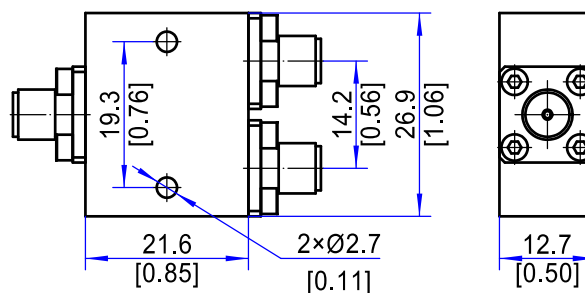
- 40-47 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation (≥ 14 dB)
- 10 W Power Handling

Applications

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

Electrical Specifications		
1	Frequency Range	40-47 GHz
2	Insertion Loss	≤ 2.0 dB
3	Input Port VSWR	$\leq 2.0:1$
4	Output Port VSWR	$\leq 1.8:1$
5	Isolation	≥ 14 dB
6	Amplitude Balance	$\leq \pm 0.8$ dB
7	Phase Balance	$\leq \pm 10^\circ$
8	Power Handling	10 W(CW)
9	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	2.4 mm Female
2	Surface Finishing	Putty filling and gray-white paint spraying
3	Dimensions ¹	21.6×26.9×12.7 mm / [0.85×1.06×0.50 in]

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



Note 1: Excluding Connectors