

YS2WPD40-R4-3R9-S

2-Way Wilkinson Power Divider, 40 W, 0.4-3.9 GHz, SMA

Key Features

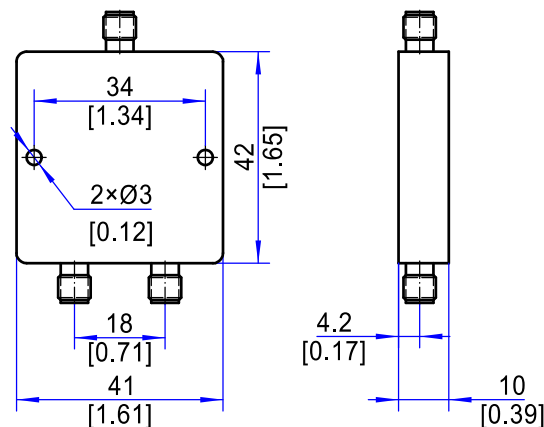
- 0.4-3.9 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation (≥ 16 dB)
- 40 W Power Handling

Applications

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

Electrical Specifications		
1	Frequency Range	0.4-3.9 GHz
2	Insertion Loss	≤ 1.2 dB
3	Input Port VSWR	$\leq 1.4:1$
4	Output Port VSWR	$\leq 1.3:1$
5	Isolation	≥ 16 dB @0.4-0.5 GHz ≥ 20 dB @0.5-3.9 GHz
6	Amplitude Balance	$\leq \pm 0.3$ dB
7	Phase Balance	$\leq \pm 3^\circ$
8	Power Handling	≥ 40 W
9	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Cavity: Silver plated Cover: Natural conductive oxidation
3	Dimensions ¹	41×42×10 mm / [1.61×1.65×0.39 in]

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



Note 1: Excluding Connectors