

# YS2WPD20-R5-40-K

2-Way Wilkinson Power Divider, 20 W, 0.5-40 GHz, 2.92 mm

## Key Features

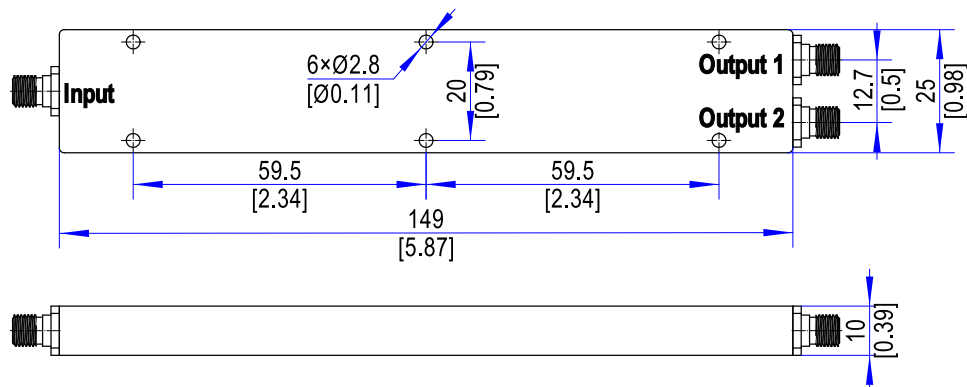
- 0.5-40 GHz broadband
- Low insertion loss
- High port isolation
- Good amplitude balance
- Compact 2.92 mm design

## Applications

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

Electrical Specifications		
1	Frequency Range	0.5-40 GHz
2	Insertion Loss	≤2.8 dB (Excluding theoretical loss 3.01 dB)
3	Input Port VSWR	≤1.6:1
4	Output Port VSWR	≤1.5:1
5	Isolation	≥16 dB(@500~35000MHz) ≥11 dB(@35000~40000MHz)
6	Amplitude Balance	≤±0.4 dB
7	Phase Balance	≤±4°
8	Power Handling	Forward Power: 20 W; Reverse Power: 1 W
9	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-45°C to +85°C
Mechanical Specifications		
1	Connectors	2.92 mm Female
2	Surface Finishing	Black Baking Varnish
3	Dimensions <sup>1</sup>	149×25×10 mm / [5.87×0.98×0.39 in]

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



Note 1: Excluding Connectors