

# YS8WPD20-32-40-K

8-Way Wilkinson Power Divider, 20 W, 32-40 GHz, 2.92 mm

## Key Features

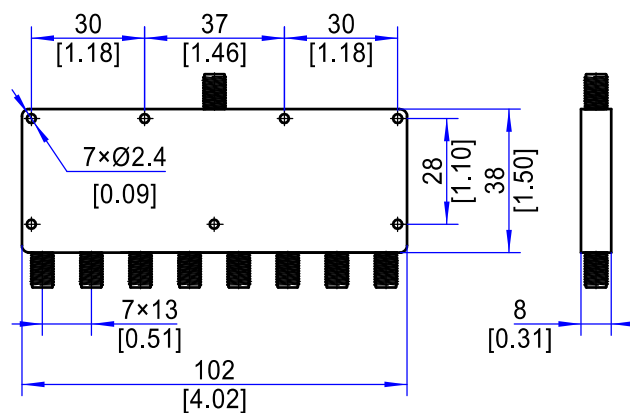
- 32-40 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation ( $\geq 14$  dB)
- 20 W Power Handling

## Applications

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

Electrical Specifications		
1	Frequency Range	32-40 GHz
2	Insertion Loss	$\leq 3.5$ dB
3	Input Port VSWR	$\leq 2.0:1$
4	Output Port VSWR	$\leq 1.8:1$
5	Isolation	$\geq 14$ dB
6	Amplitude Balance	$\leq \pm 1.0$ dB
7	Phase Balance	$\leq \pm 10^\circ$
8	Power Handling	20 W
9	Impedance	50 $\Omega$
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	2.92 mm Female
2	Surface Finishing	Cavity: Silver plated Cover: Natural conductive oxidation
3	Dimensions <sup>1</sup>	102×38×8 mm / [4.02×1.50×0.31 in]

## Outline Drawing (Units: mm/[inch], Tolerance: $\pm 0.3$ mm)



Note 1: Excluding Connectors