

# YS2WPD20-18-40-K

2-Way Wilkinson Power Divider, 20 W, 18-40 GHz, 2.92 mm

## Key Features

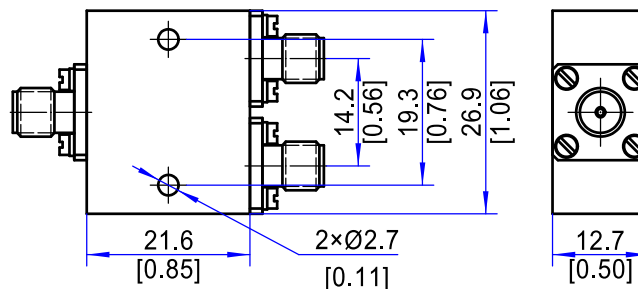
- 18-40 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation ( $\geq 16$  dB)
- 20 W Power Handling

## Applications

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

Electrical Specifications		
1	Frequency Range	18-40 GHz
2	Insertion Loss	$\leq 1.5$ dB
3	Input Port VSWR	$\leq 1.6:1$
4	Output Port VSWR	$\leq 1.6:1$
5	Isolation	$\geq 16$ dB
6	Amplitude Balance	$\leq \pm 0.3$ dB
7	Phase Balance	$\leq \pm 5^\circ$
8	Power Handling	20 W(CW); 3 KW(PK)
9	Impedance	50 $\Omega$
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	2.92 mm Female
2	Dimensions <sup>1</sup>	21.6×26.9×12.7 mm / [0.85×1.06×0.50 in]

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



Note 1: Excluding Connectors