

YS8WPD20-30-40-K

8-Way Wilkinson Power Divider, 20 W, 30-40 GHz, 2.92 mm

Key Features

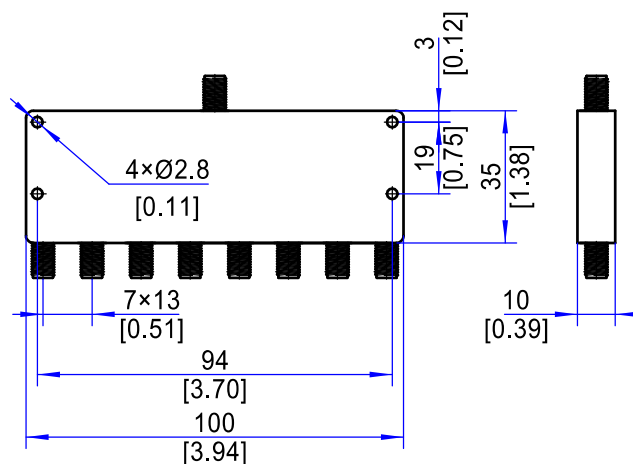
- 30-40 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation (≥ 14 dB)
- 20 W Power Handling

Applications

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

Electrical Specifications		
1	Frequency Range	30-40 GHz
2	Insertion Loss	≤ 2.8 dB
3	Input Port VSWR	$\leq 1.9:1$
4	Output Port VSWR	$\leq 1.8:1$
5	Isolation	≥ 14 dB
6	Amplitude Balance	$\leq \pm 0.8$ dB
7	Phase Balance	$\leq \pm 8^\circ$
8	Power Handling	20 W(CW)
9	Impedance	50 Ω
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 ¹	100×35×10 mm / [3.94×1.38×0.39 in]

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



Note 1: Excluding Connectors