

# YS8WPD20-24-30-K

8-Way Wilkinson Power Divider, 20 W, 24-30 GHz, 2.92 mm

## Key Features

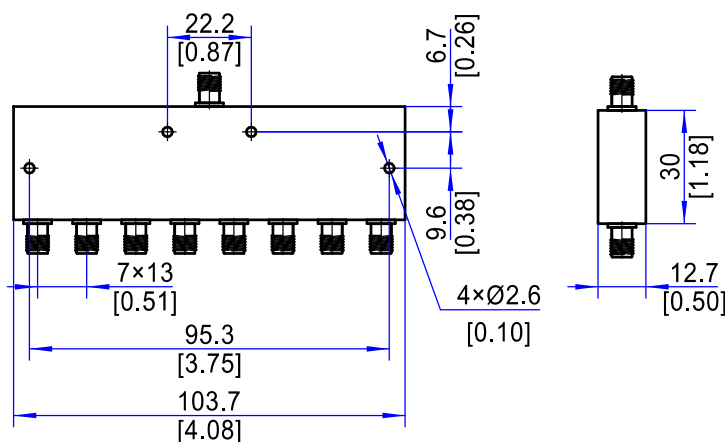
- 24-30 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation ( $\geq 20$  dB)
- 20 W Power Handling

## Applications

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

Electrical Specifications		
1	Frequency Range	24-30 GHz
2	Insertion Loss	$\leq 2.5$ dB
3	Input Port VSWR	$\leq 1.6:1$
4	Isolation	$\geq 20$ dB
6	Amplitude Balance	$\leq \pm 0.5$ dB
6	Phase Balance	$\leq \pm 8^\circ$
7	Power Handling	20 W(CW); 3 KW(PK)
8	Impedance	50 $\Omega$
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	2.92 mm Female
2	Surface Finishing	Putty filling and gray-white paint spraying
3	Dimensions <sup>1</sup>	103.7×30×12.7 mm / [4.08×1.18×0.50 in]

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



Note 1: Excluding Connectors