

## YS8WPD30-3R5-4R5-S

8-Way Wilkinson Power Divider, 30 W, 3.5-4.5 GHz, SMA

### Key Features

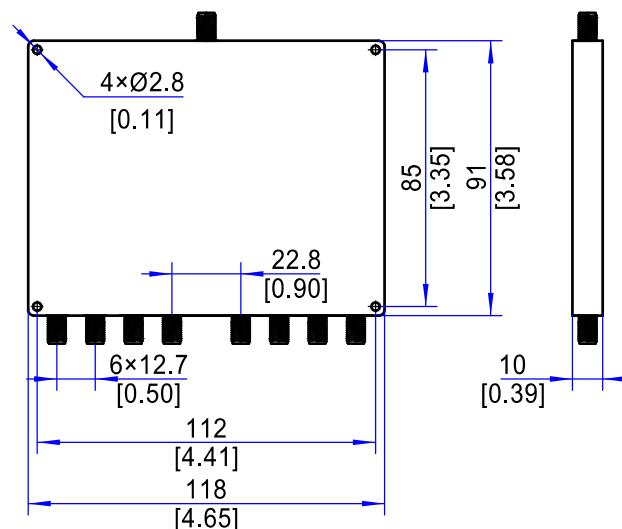
- 3.5-4.5 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation ( $\geq 22$  dB)
- 30 W Power Handling

### Applications

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

Electrical Specifications		
1	Frequency Range	3.5-4.5 GHz
2	Insertion Loss	$\leq 1.2$ dB
3	Input Port VSWR	$\leq 1.5:1$
4	Isolation	$\geq 22$ dB
5	Amplitude Balance	$\leq \pm 0.3$ dB
6	Phase Balance	$\leq \pm 5^\circ$
7	Power Handling	$\geq 30$ W
8	Impedance	50 $\Omega$
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Silver Plating
3	Dimensions <sup>1</sup>	118×91×10 mm / [4.65×3.58×0.39 in]

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



Note 1: Excluding Connectors