

## YS16WPD1-2-8-S

16-Way Wilkinson Power Divider, 1 W, 2-8 GHz, SMA

### Key Features

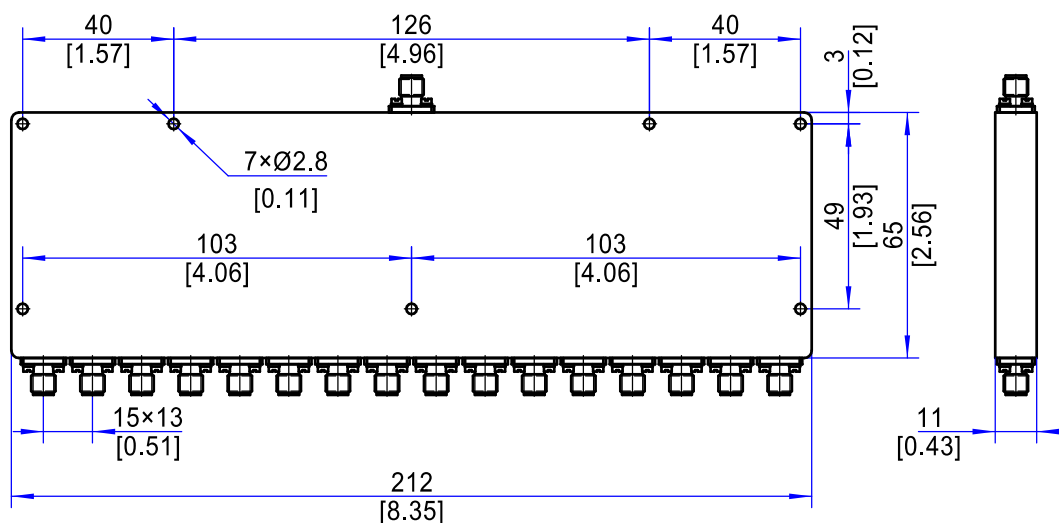
- 2-8 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation ( $\geq 17$  dB)
- 1 W Power Handling

### Applications

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

Electrical Specifications		
1	Frequency Range	2-8 GHz
2	Insertion Loss	$\leq 2.0$ dB
3	Input Port VSWR	$\leq 1.6:1$
4	Output Port VSWR	$\leq 1.4:1$
5	Isolation	$\geq 17$ dB
6	Amplitude Balance	$\leq \pm 0.5$ dB
7	Phase Balance	$\leq \pm 5^\circ$
8	Power Handling	$\leq 1$ W
9	Impedance	50 $\Omega$
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Cavity: Silver plated
3	Dimensions <sup>1</sup>	212×65×11 mm / [8.35×2.56×0.43 in]

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



Note 1: Excluding Connectors