

# YS16WPD30-8-18-S

16-Way Wilkinson Power Divider, 30 W, 8-18 GHz, SMA

## Key Features

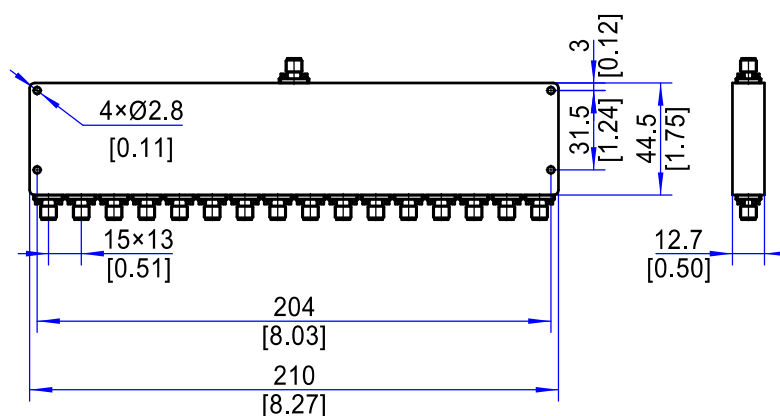
- 8-18GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation ( $\geq 16$  dB)
- 30 W Power Handling

## Applications

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

Electrical Specifications		
1	Frequency Range	8-18 GHz
2	Insertion Loss	$\leq 3.5$ dB
3	Input Port VSWR	$\leq 1.6:1$
4	Output Port VSWR	$\leq 1.5:1$
5	Isolation	$\geq 16$ dB
6	Amplitude Balance	$\leq \pm 0.4$ dB
7	Phase Balance	$\leq \pm 6^\circ$
8	Power Handling	Forward Power: 30 W; Reverse Power: 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>	210×44.5×12.7 mm / [8.27×1.75×0.50 in]

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



Note 1: Excluding Connectors