

YS16WPD1-8-18-S

16-Way Wilkinson Power Divider, 1 W, 8-18 GHz, SMA

Key Features

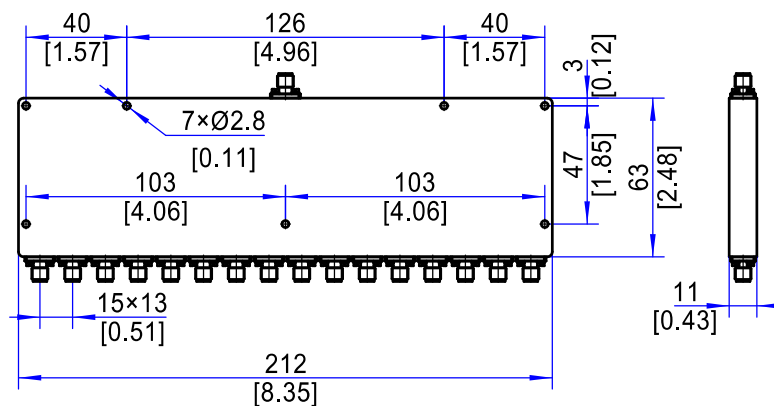
- 8-18 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation (≥ 16 dB)
- 1 W Power Handling

Applications

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

Electrical Specifications		
1	Frequency Range	8-18 GHz
2	Insertion Loss	≤ 2.4 dB
3	Input Port VSWR	$\leq 1.8:1$
4	Output Port VSWR	$\leq 1.5:1$
5	Isolation	≥ 16 dB
6	Amplitude Balance	$\leq \pm 0.5$ dB
7	Phase Balance	$\leq \pm 8^\circ$
8	Power Handling	≤ 1 W
9	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Cavity: Silver plated
3	Dimensions ¹	212×63×11 mm / [8.35×2.48×0.43 in]

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



Note 1: Excluding Connectors