

YS8WPD30-R5-18-S

8-Way Wilkinson Power Divider, 30 W, 0.5-18 GHz, SMA

Key Features

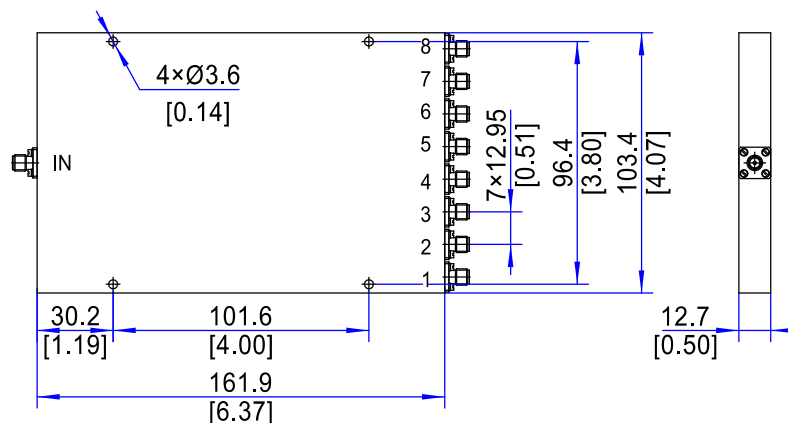
- 0.5-18 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation (≥ 16 dB)
- 30 W Power Handling

Applications

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

Electrical Specifications		
1	Frequency Range	0.5-18 GHz
2	Insertion Loss	≤ 6.2 dB(excluded theoretical 9dB)
3	Input Port VSWR	$\leq 1.6:1$
4	Output Port VSWR	$\leq 1.5:1$
5	Isolation	≥ 16 dB
6	Amplitude Balance	$\leq \pm 0.4$ dB
7	Phase Balance	$\leq \pm 5^\circ$
8	Power Handling	Forward power: 30 W(CW), Reverse power: 5 W
9	Peak Power	3 kW
10	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
2	Storage Temperature	-55°C to +100°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Clear Conductive Oxide Finish
3	Weight	640 g
4	Dimensions ¹	161.9×103.4×12.7 mm / [6.37×4.07×0.50 in]

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



Note 1: Excluding Connectors