

YS8WPD20-R5-18-S

8-Way Wilkinson Power Divider, 20 W, 0.5-18 GHz, SMA

Key Features

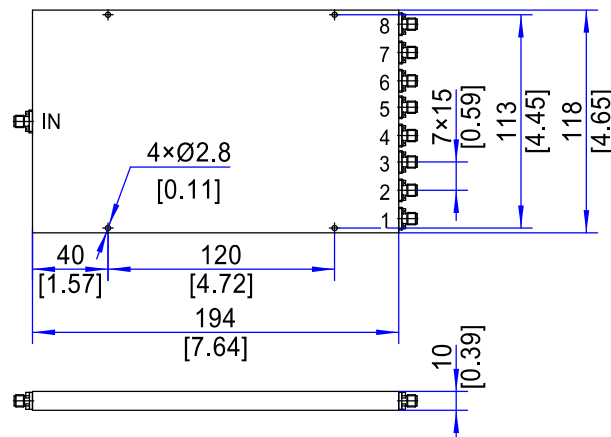
- 0.5-18 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation (≥ 19 dB)
- 20 W Power Handling

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	≤ 6.0 dB(excluded theoretical 9dB)
3	Input Port VSWR	$\leq 1.7:1$
4	Output Port VSWR	$\leq 1.5:1$
5	Isolation	≥ 19 dB
6	Amplitude Balance	$\leq \pm 0.4$ dB
7	Phase Balance	$\leq \pm 6^\circ$
8	Power Handling	Forward power: 20 W(CW), Reverse power: 0.5 W
9	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-45°C to +85°C
2	Storage Temperature	-45°C to +105°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Material	Aluminum / Black Paint
3	Weight	660 g
4	Dimensions ¹	194×118×10 mm / [7.64×4.65×0.39 in]

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



Note 1: Excluding Connectors