

YS8WPD10-R5-18-S

8-Way Power Divider, 10 W, 0.5-18 GHz, SMA

Key Features

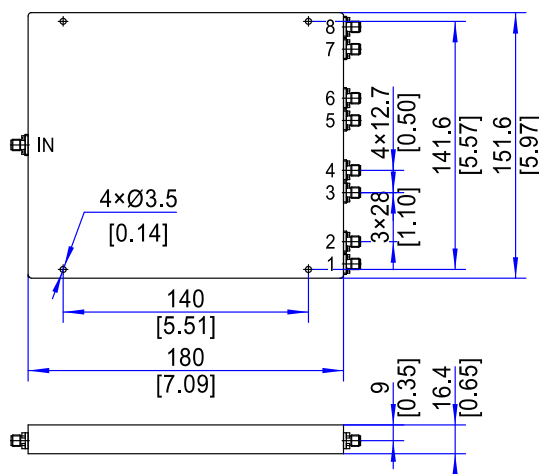
- 0.5-18 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation (≥ 16 dB)
- 10 W Power Handling

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	≤ 5.5 dB(Excluding the theoretical insertion loss of 9.03 dB.)
3	Input Port VSWR	$\leq 1.9:1$
4	Output Port VSWR	$\leq 1.5:1$
5	Isolation	≥ 16 dB
6	Amplitude Balance	$\leq \pm 1.0$ dB
7	Phase Balance	$\leq \pm 9^\circ$
8	Power Handling	Forward: 10 W Max. / Reverse: 1.0 W Max.
9	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-40°C to +80°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Connectors: Stainless Steel Other screw: Stainless Steel
3	Surface Finishing	Painted Black
4	Dimensions ¹	180×151.6×16.4mm / [7.09×5.97×0.65 in]

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



Note 1: Excluding Connectors