YS8WPD100-5R8-6R5-S

8-Way Wilkinson Power Divider, 100 W, 5.8-6.5 GHz, SMA

Key Features

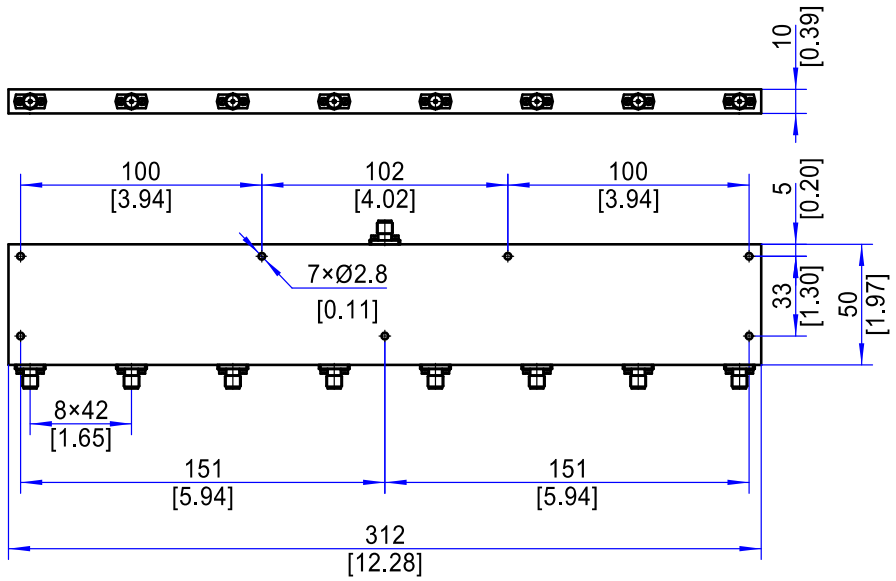
- 5.8-6.5 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation (≥18 dB)
- 100 W Power Handling

Applications

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

Electrical Specifications		
1	Frequency Range	5.8-6.5 GHz
2	Insertion Loss	≤0.9 dB
3	Input Port VSWR	≤1.5:1
4	Isolation	≥18 dB
5	Amplitude Balance	≤±0.3 dB
6	Phase Balance	≤±5°
7	Power Handling	100 W(CW); 300 W(PK)
8	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Natural Conductive Oxidation
3	Dimensions[1]	312×50×10 mm / [12.28×1.97×0.39 in]

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



Note 1: Excluding Connectors