

# YS8RPDR2-DC-18-S

8-Way Resistance Power Divider, 0.2 W, DC-18 GHz, SMA

## Key Features

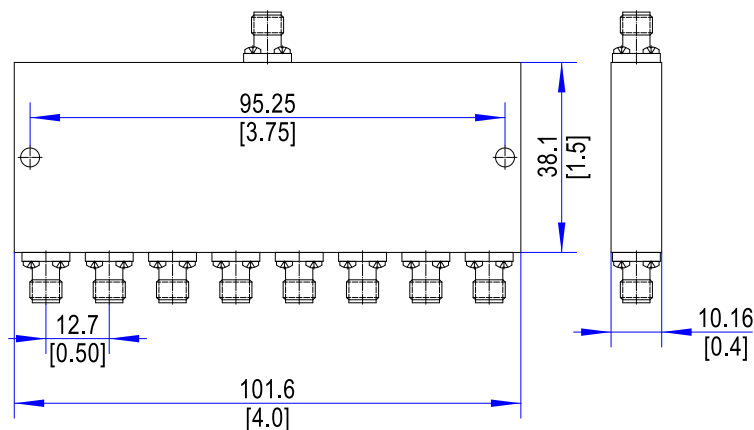
- DC-18 GHz Broadband Coverage
- Stable Resistive Design
- Good Port Matching
- Compact & Lightweight Structure
- Reliable 0.2 W Power Handling

## Applications

- Test & Measurement Systems
- Broadband Signal Distribution
- Lab & R&D Setups
- Communication Systems
- General RF Integration

Electrical Specifications		
1	Frequency Range	DC-18 GHz
2	Insertion Loss	≤6.0 dB (Excluding theoretical loss 18.06 dB)
3	Input Port VSWR	≤1.90:1
4	Output Port VSWR	≤1.60:1
5	Amplitude Balance	≤±1.0 dB
6	Phase Balance	≤±12°
7	Power Handling	Forward Power: 0.2 W; Reverse Power: 0.2 W
8	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-40°C to +80°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Black Paint
3	Dimensions <sup>1</sup>	101.6×38.1×10.16 mm / [4.0×1.5×0.4 in]

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



Note 1: Excluding Connectors