

YS2RPD1-DC-18-S

2-Way Resistive Power Divider, 1W, DC-18 GHz, SMA

Key Features

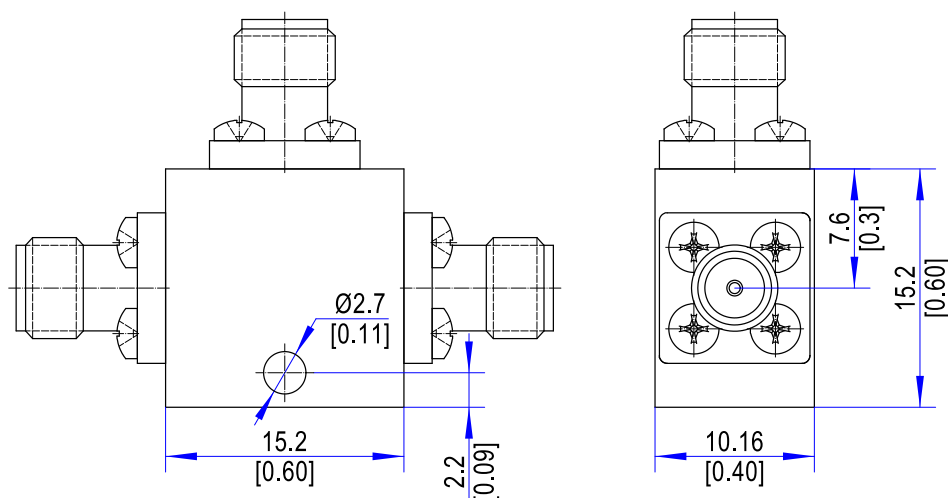
- DC-18 GHz Broadband Coverage
- Stable Resistive Design
- Good Port Matching (VSWR ≤ 1.4)
- Compact & Lightweight Structure
- Reliable 1 W Power Handling

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	≤ 1.4 dB (Excluding theoretical loss 3.01 dB)
3	Input Port VSWR	$\leq 1.4:1$
4	Output Port VSWR	$\leq 1.4:1$
5	Amplitude Balance	$\leq \pm 0.3$ dB
6	Phase Balance	$\leq \pm 3^\circ$
7	Power Handling	Forward Power 1 W; Reverse Power 1 W
8	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-40°C to +70°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Black Paint
3	Dimensions ¹	15.2×15.2×10.16 mm / [0.60×0.60×0.40 in]

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



Note 1: Excluding Connectors