

YS2RPD2-DC-6-S-2

2-Way Resistive Resistive Power Divider, 2 W, DC-6 GHz, SMA

Key Features

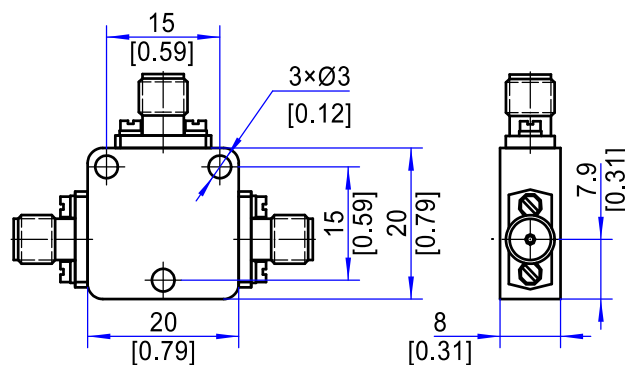
- DC-6 GHz Broadband Coverage
- Stable Resistive Design
- Good Port Matching (VSWR ≤ 1.30)
- Compact & Lightweight Structure
- Reliable 2 W Power Handling

Applications

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

Electrical Specifications		
1	Frequency Range	DC-6 GHz
2	Insertion Loss	≤ 6.5 dB
3	Input Port VSWR	$\leq 1.25@DC-3$ GHz $\leq 1.3@3-6$ GHz
4	Amplitude Balance	$\leq \pm 0.5$ dB
5	Phase Balance	$\leq \pm 5^\circ$
6	Power Handling	2 W(CW)
7	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-35°C to +75°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Cavity silver plating
3	Dimensions ¹	20×20×8 mm / [0.79×0.79×0.31 in]

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



Note 1: Excluding Connectors