

YS3RPD2-DC-6-S

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

Key Features

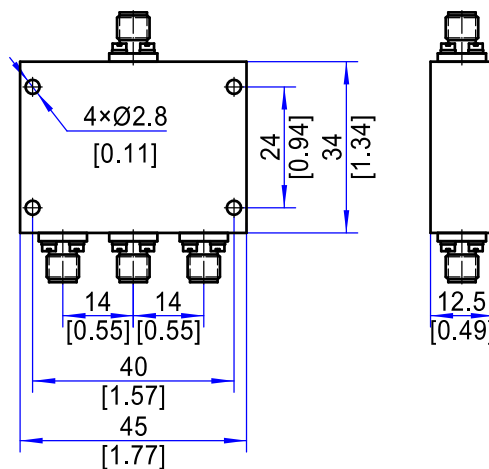
- DC-6 GHz Broadband Coverage
- Stable Resistive Design
- Good Port Matching (VSWR ≤ 1.4)
- Compact & Lightweight Structure
- Reliable 2 W Power Handling

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	≤ 6.0 dB (Excluding theoretical loss 4.8 dB)
3	Input Port VSWR	$\leq 1.4:1$
4	Output Port VSWR	$\leq 1.4:1$
5	Isolation	≥ 9 dB
6	Amplitude Balance	$\leq \pm 0.4$ dB
7	Phase Balance	$\leq \pm 4^\circ$
8	Power Handling	Forward Power: 2 W
9	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-35°C to +75°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Natural Conductive Oxidation
3	Dimensions ¹	45×34×12.5 mm / [1.77×1.34×0.49 in]

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



Note 1: Excluding Connectors