

YS8RPD2-DC-6-S

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

Key Features

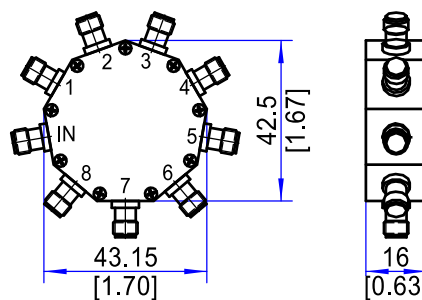
- DC-6 GHz Broadband Coverage
- Stable Resistive Design
- Good Port Matching (VSWR ≤ 1.5)
- Compact & Lightweight Structure
- Reliable 2 W Power Handling

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	$\leq 9 \pm 2.5$ dB (Excluding theoretical loss 9.03 dB)
3	Input Port VSWR	$\leq 1.5:1$
4	Output Port VSWR	$\leq 1.5:1$
5	Isolation	≥ 18 dB
6	Amplitude Balance	$\leq \pm 2$ dB
7	Power Handling	Forward Power: 2 W
Environmental Specifications		
1	Operating Temperature	-35°C to $+75^{\circ}\text{C}$
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Natural Conductive Oxidation
3	Dimensions ¹	43.2×42.5×16 mm / [1.7×1.68×0.63 in]

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



Note 1: Excluding Connectors