

YS3RPD2-DC-1-S

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

Key Features

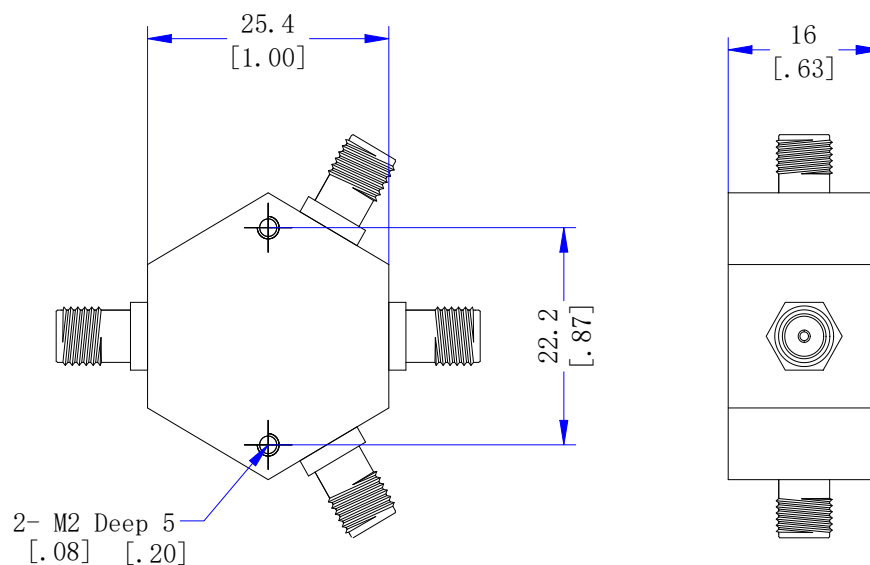
- DC-1 GHz Broadband Coverage
- Stable Resistive Design
- Good Port Matching (VSWR ≤ 1.2)
- Compact & Lightweight Structure
- Reliable 2 W Power Handling

Applications

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

Electrical Specifications		
1	Frequency Range	DC-1 GHz
2	Insertion Loss	$\leq 4.7 \pm 0.5$ dB (Excluding theoretical loss 4.8 dB)
3	VSWR	Input $\leq 1.2 : 1$; Output $\leq 1.2 : 1$
4	Isolation	≥ 9.5 dB
5	Amplitude Balance	± 0.5 dB
6	Power Handling	Forward ≤ 2 W; Reversed ≤ 2 W (CW)
7	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-45°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Sandblasting natural color conductive oxide
3	Dimensions ¹	25.4×25.4×16 mm / [1.0×1.0×0.63 in]

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



Note 1: Excluding Connectors