

YS8WPD1-10M-R1-S

8-Way Wilkinson Power Divider, 1 W, 0.01-0.1 GHz, SMA

Key Features

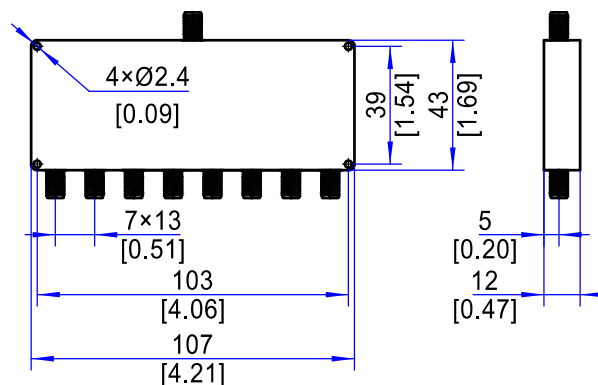
- 0.01-0.1 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation (≥ 16 dB)
- 10 W Power Handling

Applications

- RF & Microwave Systems
- Test & Measurement
- Radar & EW Systems
- Communication Networks
- Signal Distribution

Electrical Specifications		
1	Frequency Range	0.01-0.1 GHz
2	Insertion Loss	≤ 0.8 dB
3	Input Port VSWR	$\leq 1.4:1$
4	Output Port VSWR	$\leq 1.3:1$
5	Isolation	≥ 16 dB
6	Amplitude Balance	$\leq \pm 0.3$ dB
7	Phase Balance	$\leq \pm 5^\circ$
8	Power Handling	1 W(CW)
9	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Natural Conductive Oxidation
3	Dimensions ¹	107×43×12 mm / [4.21×1.69×0.47 in]

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



Note 1: Excluding Connectors