

## YS8WPD50-2-6-S

8-Way Wilkinson Power Divider, 50 W, 2-6 GHz, SMA

### Key Features

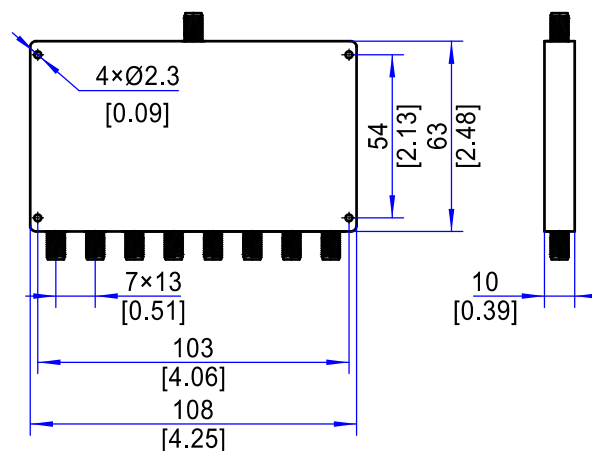
- 2-6 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation ( $\geq 18$  dB)
- 50 W Power Handling

### Applications

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

Electrical Specifications		
1	Frequency Range	2-6 GHz
2	Insertion Loss	$\leq 1.0$ dB
3	Input Port VSWR	$\leq 1.5:1$
4	Isolation	$\geq 18$ dB
5	Amplitude Balance	$\leq \pm 0.4$ dB
6	Phase Balance	$\leq \pm 8^\circ$
7	Power Handling	$\geq 50$ W
8	Impedance	50 $\Omega$
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Putty filling and gray-white paint spraying
3	Dimensions <sup>1</sup>	108×63×10 mm / [4.25×2.48×0.39 in]

**Outline Drawing** (Units: mm/[inch], Tolerance:  $\pm 0.3$  mm)



Note 1: Excluding Connectors