

# YS16WPD1-20M-1R3-S

16-Way Wilkinson Power Divider, 1 W, 0.02-1.3 GHz, SMA

## Key Features

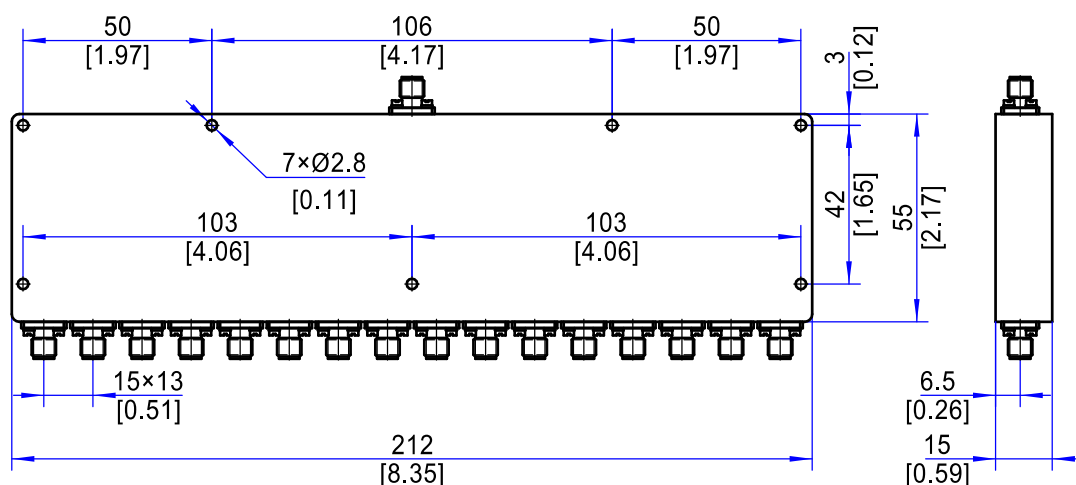
- 0.02-1.3 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- Isolation  $\geq 12$  dB
- 1 W Power Handling

## Applications

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

Electrical Specifications		
1	Frequency Range	0.02-1.3 GHz
2	Insertion Loss	$\leq 3.5$ dB
3	Input Port VSWR	$\leq 1.8:1$
4	Output Port VSWR	$\leq 1.6:1$
5	Isolation	$\geq 12$ dB
6	Amplitude Balance	$\leq \pm 0.5$ dB
7	Phase Balance	$\leq \pm 8^\circ$
8	Power Handling	$\leq 1$ W
9	Impedance	50 $\Omega$
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	SMA Female
2	Surface Finishing	Natural Conductive Oxidation
3	Dimensions <sup>1</sup>	212×55×15 mm / [8.35×2.17×0.59 in]

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



Note 1: Excluding Connectors