

# YS4WPD100-2M-R25-N

4-Way Wilkinson Power Divider, 100 W, 0.002-0.25 GHz, N-Type

## Key Features

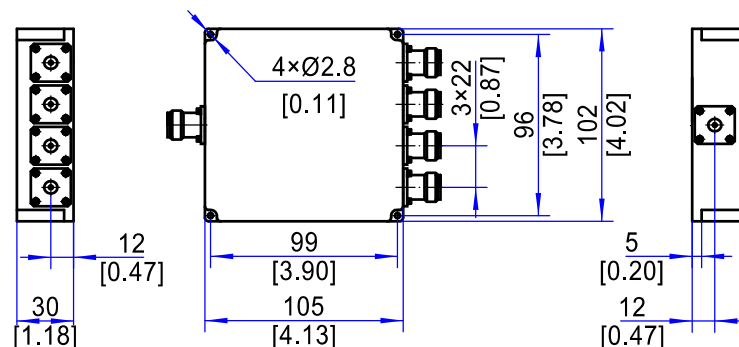
- 0.002-0.25 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation ( $\geq 18$  dB)
- 100 W Power Handling

## Applications

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

Electrical Specifications		
1	Frequency Range	0.002-0.25 GHz
2	Insertion Loss	$\leq 0.5$ dB
3	Input Port VSWR	$\leq 1.3:1$
4	Output Port VSWR	$\leq 1.3:1$
5	Isolation	$\geq 18$ dB
6	Amplitude Balance	$\leq \pm 0.15$ dB
7	Phase Balance	$\leq \pm 4^\circ$
8	Power Handling	100 W(CW)
9	Impedance	50 $\Omega$
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	N-Type Female
2	Surface Finishing	Natural Conductive Oxidation
3	Dimensions <sup>1</sup>	105×102×30 mm / [4.13×4.02×1.18 in]

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



Note 1: Excluding Connectors