

YS2WPD50-R75-2R7-N

2-Way Wilkinson Power Divider, 50 W, 0.75-2.7 GHz, N-Type

Key Features

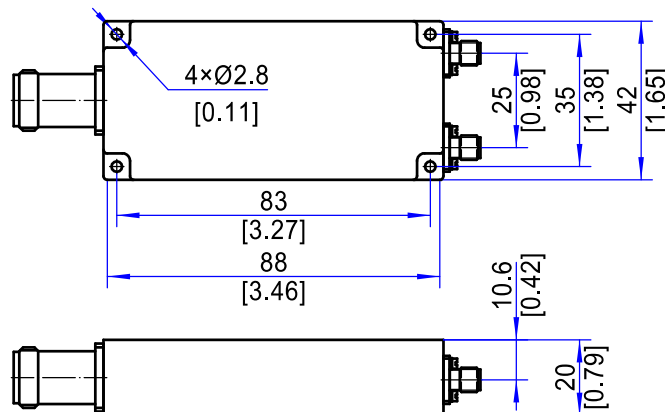
- 0.75-2.7 GHz Wideband Coverage
- Low Insertion Loss
- Excellent Amplitude & Phase Balance
- High Isolation (≥ 18 dB)
- 50 W Power Handling

Applications

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

Electrical Specifications		
1	Frequency Range	0.75-2.7 GHz
2	Insertion Loss	≤ 0.4 dB@0.75-0.96 GHz ≤ 0.45 dB@0.96-2.7 GHz
3	Input Port VSWR	$\leq 1.4:1$
4	Output Port VSWR	$\leq 1.3:1$
5	Isolation	≥ 18 dB
6	Amplitude Balance	$\leq \pm 0.15$ dB
7	Phase Balance	$\leq \pm 3.5^\circ$
8	Power Handling	50 W
9	Impedance	50 Ω
Environmental Specifications		
1	Operating Temperature	-55°C to +85°C
Mechanical Specifications		
1	Connectors	N-Type Female / SMA Female
2	Surface Finishing	Cavity: Silver plated Cover: Natural conductive oxidation
3	Dimensions ¹	88×42×20 mm / [3.46×1.65×0.79 in]

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



Note 1: Excluding Connectors