

RD-53N/NP-B0

800-2500 Wideband 3-Way Power Divider

Features

- Wideband 800-2500MHz.
- 50W Medium Power Handling.
- Low Intermodulation.
- Low Loss, Flat Response and Good Balance.

Product Description

The RD-53N/NP-B0 is a wideband, 3-way power divider specifically designed to operate in all cellular frequency bands from 800-2500MHz. The product is particularly suited for power division in inbuilding systems.



Technical Specifications

Electrical

Frequency Range – [MHz]	800-2500
Input Power, Splitting Mode – [W]	≤ 50
Splitting Loss – [dB]	4.8
Dissipative Loss – [dB]	
- 800-960, 1710-2170MHz	≤ 0.5
- 2200-2500MHz	≤ 0.8
VSWR	
- 800-960, 1710-2170MHz	≤ 1.2:1
- 2200-2500MHz	≤ 1.4:1
Output Isolation – [dB]	
- 800-960, 1710-2170MHz	≥ 20
- 2200-2500MHz	≥ 18
Impedance – [ohm]	50

Mechanical

Dimension (excl. conn) LxWxH – [mm]	129 x 89 x 23
Housing Material	Aluminium Alloy
Housing Colour	Chrome plated
Weight – [g]	480
Connector Type - Input	N-Female
Connector Type - Output	N-Female
Temperature Range – [°C]	-35 to +75
Operating Humidity – [%]	< 95
Environmental Class	Indoor

Mechanical Outline Drawing

