

## RD-52N/NP-B1

800-2500 Wideband 2-Way 100W Power Divider

### Features

- Wideband 800-2500MHz.
- 100W Medium Power Handling.
- Low Intermodulation.
- Low Loss, flat response and good balance.
- Superior VSWR and Output Isolation
- Designed with heat sink for good heat dissipation



### Product Description

The RD-52N/NP-B1 is a wideband, 2-way, 100W, power divider specifically designed to operate in all cellular frequency bands from 800-2500MHz. The product is particularly suited for power division in in-building systems.

### Technical Specifications

#### Electrical

Frequency Range – [MHz]	800-2500
Input Power, Splitting Mode – [W]	≤ 100
Splitting Loss – [dB]	3.0
Dissipative Loss – [dB]	≤ 0.3
VSWR	≤ 1.2:1
Output Isolation – [dB]	≥ 20
Impedance – [ohm]	50

#### Mechanical

Dimension (incl. conn) LxWxH – [mm]	146 x 76 x 27
Housing Material	Aluminium Alloy
Housing Colour	Chrome plated
Weight – [g]	300
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

