



The RF power splitter is widely used in the in-building DAS deployment, with wide frequency band, customized connector interface, high power handling, low PIM performance and high reliability for indoor coverage applications.

## General Specifications

|                     |                                  |
|---------------------|----------------------------------|
| Product Type        | RF power splitter, power divider |
| Frequency Band      | 694-3800 MHz                     |
| Branches            | 4-way                            |
| Connector Interface | N female                         |

## Electrical Specifications

|                          |              |
|--------------------------|--------------|
| Frequency Band (MHz)     | 694-3800 MHz |
| Insertion Loss           | ≤0.1dB       |
| Split Loss Nominal       | 6 dB         |
| Split Loss Ripple        | ±0.4 dB      |
| VSWR                     | ≤1.25        |
| Power Handling           | 300W         |
| Intermodulation, 2×43dBm | ≤-155dBc     |
| Impedance                | 50 ohms      |

## Material Specifications

|           |                                   |                   |
|-----------|-----------------------------------|-------------------|
| Cavity    | Cavity Enclosure                  | Aluminum alloy    |
|           | Cavity Outer Surface Treatment    | Black painting    |
|           | Cavity Inner Surface Treatment    | Cu3Ag1            |
|           | Inner Conductor                   | Aluminum alloy    |
| Connector | Inner Conductor Surface Treatment | Ag1               |
|           | Outer Conductor                   | Brass             |
|           | Outer Conductor Surface Treatment | Tri-metal CuSnZn3 |
|           | Inner Conductor                   | Brass             |
|           | Inner Conductor Surface Treatment | Ag1               |
|           | Insulator                         | PTFE/TPX          |
|           | Gasket                            | Silicon rubber    |

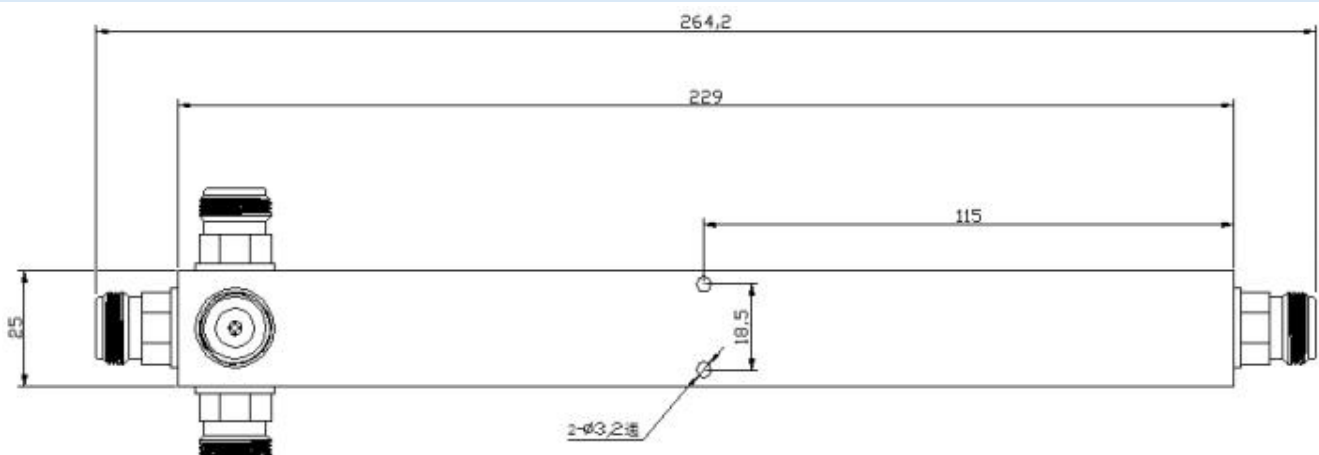
## Mechanical Specifications

|                 |  |
|-----------------|--|
| Dimension       | 230×25×25 mm (Excluding connectors and brackets) |
| Weight          | 0.6 kg   |
| Connectors Type | N female   |
| Mounting        | Wall or rack                                     |
| Packing         | 1pcs in box                                      |

## Environmental Specifications

|                       |                  |
|-----------------------|------------------|
| Operating Temperature | -40 °C to +65 °C |
| Storage Temperature   | -45 °C to +85 °C |
| Relative Humidity     | 5% - 95%         |
| Application           | Indoor           |

## Outline Drawing



## Regulatory Compliances

|               |           |
|---------------|-----------|
| ISO 9001:2015 | Compliant |
| ROHS          | Compliant |
| China RoHS    | Compliant |
| UK RoHS       | Compliant |
| REACH         | Compliant |
| EU/CE         | Compliant |

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