

# Product Specifications

1710-1880 MHz /1920-2170MHz Dual Band Combiner 4310F or DINF,153dBc,Double Unit

MNDBC-1800/2100-4310F-153-D(4310F Type)

MNDBC-1800/2100-DINF-153-D(DINF type)

## Main Features

20240123V

- Compact, low weight
- Contain GSM1800UMTS2100 band
- Low PIM
- High reliability
- Simple installation



## Electrical Specifications

|                             |  |
|-----------------------------|--|
| Frequency:                  | CH1: 1710 to 1880MHz<br>CH2: 1920 to 2170MHz                         |
| VSWR:                       | 1.3  |
| Insertion loss:             | ≤0.4dB Maximum( Port 1 ↔ Port 3)<br>≤0.5dB Maximum (Port 2 ↔ Port 3) |
| Isolation:                  | 50dB minimum(1710 - 1880 MHz)<br>45dB minimum(1920-2170 MHz)         |
| Maximum convertible power : | 250 W  |
| Intermodulation (3rd order) | ≤-153dBc @ 2 x 20 W  |
| Impedance                   | 50 Ω   |
| DC/AISG transparency        | By-pass(max.3000mA)  |
| Lightning Protection        | 3kA (10/350 μs).   |

## Environmental Specifications

|                             |                |
|-----------------------------|----------------|
| Operating temperature range | -30°C to +60°C |
| Storage temperature range   | -40°C to +85°C |
| Relative humidity           | 5% - 95%       |
| Barometric pressure         | 55 KPa -106KPa |
| Applications                | IP67           |

## Mechanical Specifications

|                     |                                       |
|---------------------|---------------------------------------|
| Connectors type     | 4310 female or DIN female             |
| Weight              | ≤2.80Kgs                              |
| Outer Dimension(mm) | 132*116*88MM (exclude connector size) |
| Packing             | 1Pc in box                            |

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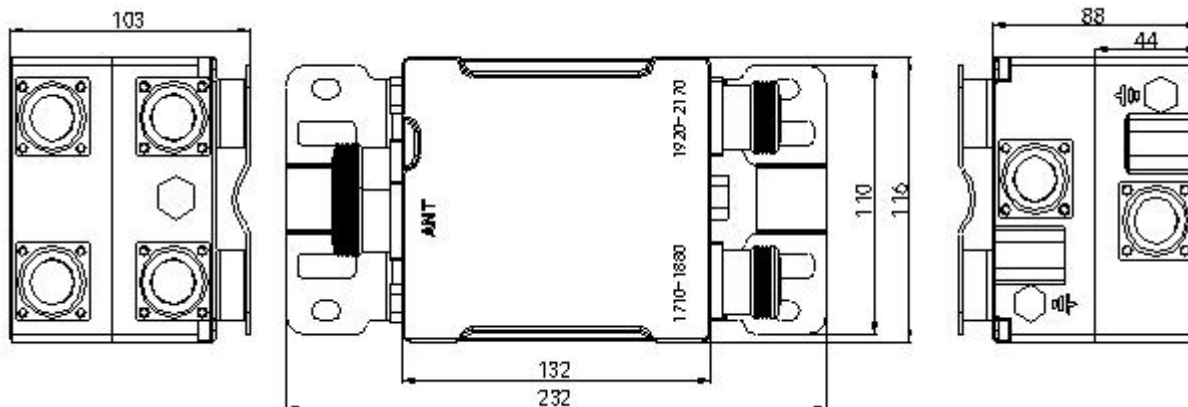
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Double Unit

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## Installation Instruction

