

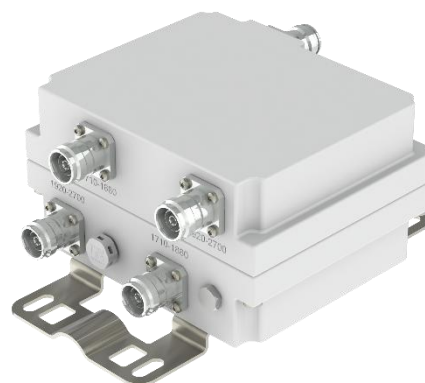
# Double Unit Dual-Band Combiner

## DCB-2-DJ-64F-A12

# PROSE

### Main Features

- Low VSWR, high isolation
- Low PIM, low insertion loss
- Compact design for easy installation
- Customized band is available



### Electrical Specifications

| Items                       | Value                                         |
|-----------------------------|-----------------------------------------------|
| Frequency                   | Port 1: 1710-1880MHz                          |
|                             | Port 2: 1920-2700MHz                          |
| VSWR                        | $\leq 1.25$                                   |
| Insertion loss              | $\leq 0.35\text{dB}@1710\sim 1880\text{MHz}$  |
|                             | $\leq 0.35\text{dB}@1920\sim 2700\text{MHz}$  |
| Isolation                   | $\geq 50\text{dB}$                            |
| Power handling              | 250 W (Average)                               |
| Intermodulation (3rd order) | $\leq -155\text{dBc} @ 2 \times 43\text{dBm}$ |
| DC characteristic           | DC bypass all ports                           |
| Impedance                   | 50 $\Omega$                                   |

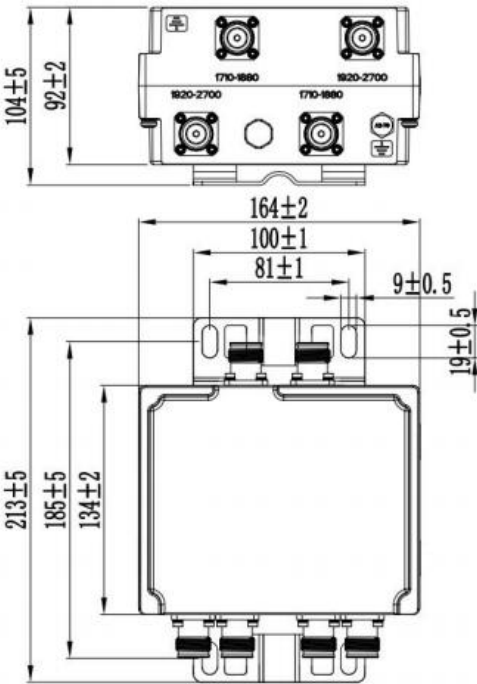
### Environmental Specifications

| Items                       | Value                      |
|-----------------------------|----------------------------|
| Operating temperature range | -30°C to +65°C             |
| Storage temperature range   | -40°C to +85°C             |
| Lightning Protection        | 10KA,8/20us                |
| Relative humidity           | 5%- 95%                    |
| Applications                | IP67 Method IEC 60529:2001 |

Mechanical Specifications

| Items                  | Value                                                   |
|------------------------|---------------------------------------------------------|
| Dimension              | 213 x 164 x 104 (mm, Including brackets and connectors) |
| Weight                 | ≤3.4kg                                                  |
| Connectors type        | 4.3-10 female (Long neck)                               |
| Number of input ports  | 4                                                       |
| Number of output ports | 2                                                       |
| Mounting               | Wall or Pole                                            |
| Mounting Pipe Diameter | 40-135mm                                                |
| Mounting Pipe Hardware | Band clamps                                             |
| Packing                | 1Pcs in box                                             |

Outline Drawing



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