

## Main Features

- Low VSWR, low insertion loss
- Low PIM, high reliability
- High power handling
- Compact design for easy installation
- Customized connector is available
- Optional values for coupling port

## Electrical Specifications

| Items                       | Value                |                   |
|-----------------------------|----------------------|-------------------|
| Frequency                   | 698-4200MHz          |                   |
| VSWR                        | ≤1.4                 |                   |
| Attenuation values          | Coupling attenuation | Distribution loss |
| 5dB: T-5-0642-43F-163-01    | 5±1.5                | ≤2.5dB            |
| 6dB: T-6-0642-43F-163-01    | 6±1.5                | ≤1.9dB            |
| 7dB: T-7-0642-43F-163-01    | 7±1.5                | ≤1.3dB            |
| 10dB: T-10-0642-43F-163-01  | 10±2                 | ≤1.0dB            |
| 15dB: T-15-0642-43F-163-01  | 15±2                 | ≤0.8dB            |
| 20dB: T-20-0642-43F-163-01  | 20±2                 | ≤0.6dB            |
| 30dB: T-30-0642-43F-163-01  | 30±2                 | ≤0.5dB            |
| Power handling              | 500W                 |                   |
| Intermodulation (3rd order) | ≤-163dBc@2x43dBm     |                   |
| Impedance                   | 50Ω                  |                   |

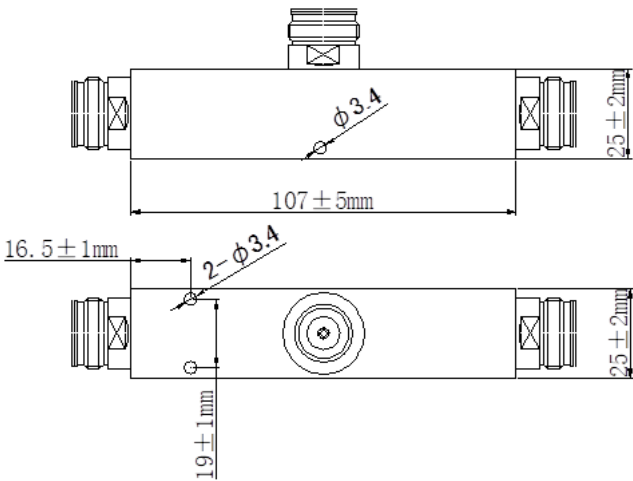
Environmental Specifications

| Items                       | Value          |
|-----------------------------|----------------|
| Operating temperature range | -30°C to +70°C |
| Storage temperature range   | -40°C to +85°C |
| Relative humidity           | 0%- 95%        |
| Barometric pressure         | 55KPa -106KPa  |
| Applications                | IP65           |

Mechanical Specifications

| Items           | Value              |
|-----------------|--------------------|
| Dimension       | 107 x 25 x 25 (mm) |
| Weight          | 0.65kg             |
| Connectors type | 4.3-10 female      |
| Mounting        | Plane              |
| Packing         | 1Pcs in box        |

Outline Drawing



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