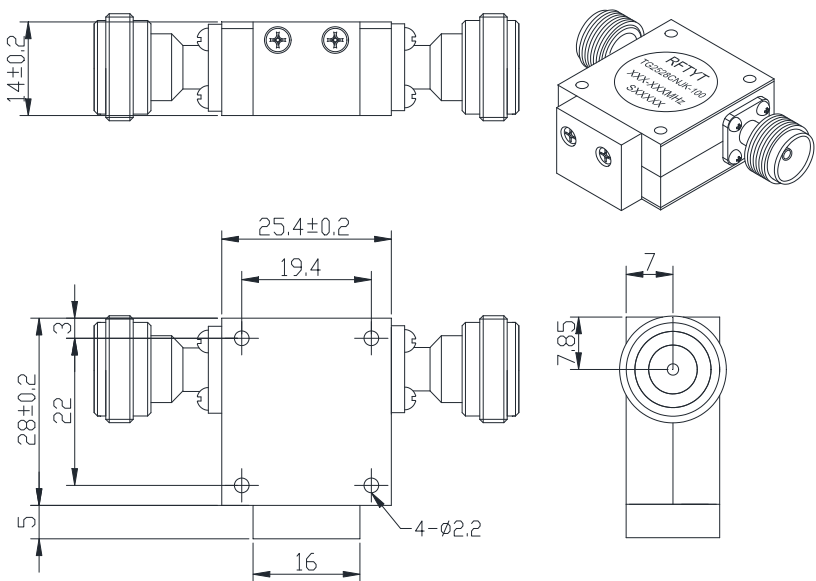




## 3.0 to 6.0GHz Coaxial Isolator

### TG2528CN N Type

#### Outline Drawing (mm):



#### Features:

- ◇ Good temperature stability
- ◇ Withstand high power
- ◇ RoHS compliant
- ◇ Weight :  $\approx 48$  g

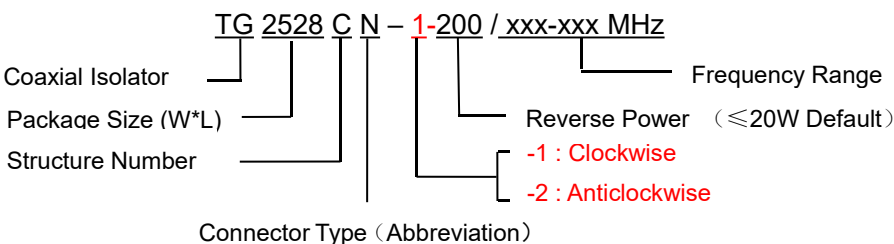
#### Material list:

- ◇ Cavity: aluminum conductive oxidation
- ◇ Outer shell: industrial pure iron nickel plating
- ◇ Guide body: Silver plated brass
- ◇ Load chamber: aluminum conductive oxidation
- ◇

#### Application:

- ◇ Rf amplifier final stage, protect the amplifier
- ◇ Digital communication
- ◇ Satellite communication
- ◇ Mobile communication

#### Order Examples:



#### Connector Type:

| SMA Type Connector Options |        |              | N Type Connector Options |        |              |
|----------------------------|--------|--------------|--------------------------|--------|--------------|
| Port 1                     | Port 2 | Abbreviation | Port 1                   | Port 2 | Abbreviation |
| SMA-K                      | SMA-K  | S            | N-K                      | N-K    | N            |
| SMA-K                      | SMA-J  | SKJ          | N-J                      | N-K    | NJK          |
| SMA-J                      | SMA-K  | SJK          | N-K                      | N-J    | NKJ          |
| SMA-J                      | SMA-J  | SJ           | N-J                      | N-J    | NJ           |

#### Basic Specifications:

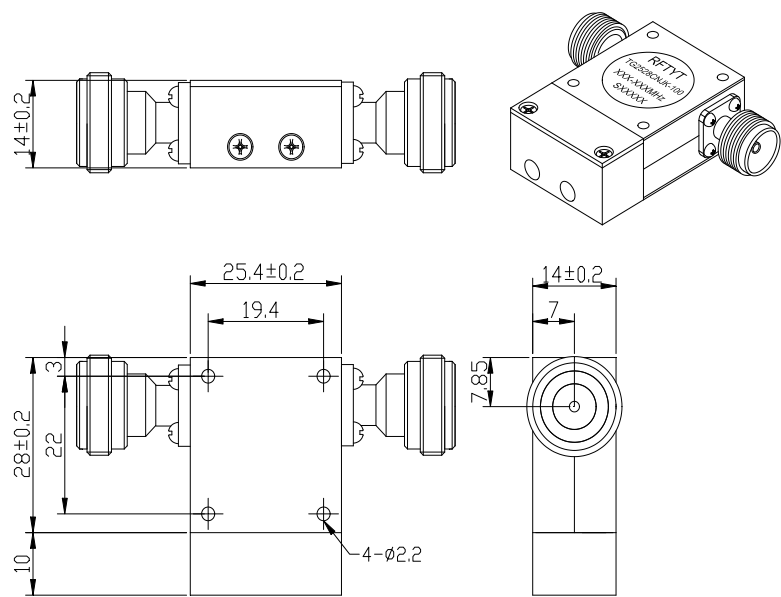


|                     |                                                                                    |
|---------------------|------------------------------------------------------------------------------------|
| Impedance           | 50 $\Omega$                                                                        |
| Connector Type      | N-K                                                                                |
| Size(mm)            | A Type: 25.4*28.0*14.0 (TG2528C,Default Size)<br>B Type: 25.4*28.0*15.0 (TG2528CT) |
| Operating Temp      | -10~+60℃                                                                           |
| Storage temperature | -50~+90℃                                                                           |

Specifications:

| Model No.<br>(X=1: →Clockwise)<br>(X=2: ←Anticlockwise) | Freq.<br>Range<br>GHz | IL.<br>dB<br>(max) | Isolation<br>dB (min) | VSWR | Forward<br>Power<br>CW | Reverse<br>Power<br>W |
|---------------------------------------------------------|-----------------------|--------------------|-----------------------|------|------------------------|-----------------------|
| TG2528CN-X/3000-6000MHz                                 | 3.0-6.0               | 0.50               | 18.0                  | 1.30 | 150                    | 20/100                |
| TG2528CN-X/4000-6000MHz                                 | 4.0-6.0               | 0.45               | 20.0                  | 1.25 | 150                    | 20/100                |

Reflected power 100W size diagram



The reflected power of this figure is 100W, the indicators are shown in the table above, and its model is TG2528CN-X-100/XXX-XXXMHz

Instructions:

- 1, The isolator connector can be selected SMA, N, male and female head can be used with the user;
- 2, The reflection power is commonly used 20W and 100W options, you can also configure the total reflection power according to user requirements;
- 3, Only some common frequencies in the table, can be produced according to the user's requirements;
- 4, If you do not find what you are looking for, please contact us