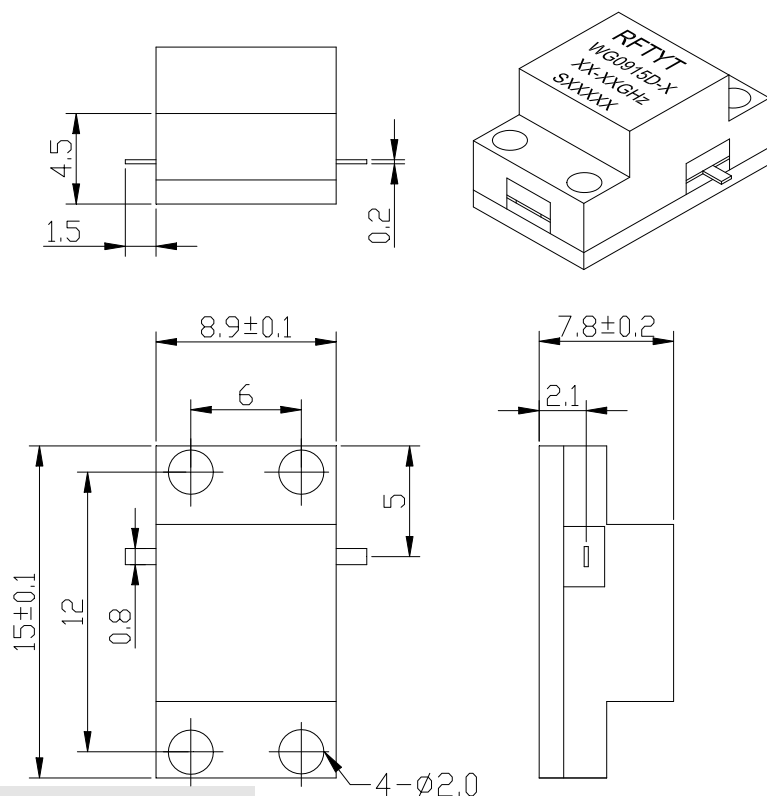
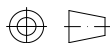




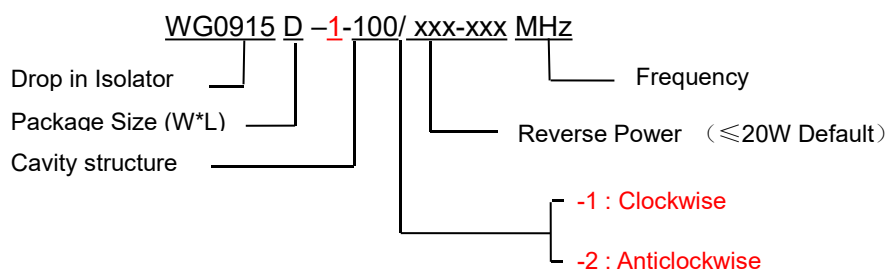
## 6.0 to 18.0GHz Drop in Isolator

### WG0915D Drop-In Type

#### Outline Drawing (mm):



#### Order Examples:



#### Basic Specifications:

|                     |              |
|---------------------|--------------|
| Impedance           | 50 Ω         |
| Size(mm)            | 8.9*15.0*7.8 |
| Operating Temp      | -10~+60℃     |
| Storage temperature | -50~+90℃     |

#### Features:

- ◇ Good temperature stability
- ◇ Withstand high power
- ◇ RoHS compliant
- ◇ Weight : ≈ 5 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
- ◇ High capacity microwave relay communication
- ◇ Digital communications, satellite communications, International Maritime Satellite communications



Specifications:

| Model No.<br>(X=1: →Clockwise)<br>(X=2: ←Anticlockwise) | Freq. Range<br>GHz | IL<br>dB<br>(max) | Isolation<br>dB (min) | VSWR | Forward<br>Power<br>CW | Reverse<br>Power<br>W |
|---------------------------------------------------------|--------------------|-------------------|-----------------------|------|------------------------|-----------------------|
| WG0915D-X/6.0-8.0GHz                                    | 6.0-8.0            | 0.60              | 18.0                  | 1.30 | 30                     | 5                     |
| WG0915D-X/7.0-8.5GHz                                    | 7.0-8.5            | 0.50              | 20.0                  | 1.25 | 30                     | 5                     |
| WG0915D-X/7.0-9.0GHz                                    | 7.0-9.0            | 0.50              | 18.0                  | 1.30 | 30                     | 5                     |
| WG0915D-X/7.5-18.0GHz                                   | 7.5-18.0           | 1.50              | 11.0                  | 1.90 | 30                     | 5                     |
| WG0915D-X/7.7-8.1GHz                                    | 7.7-8.1            | 0.30              | 23.0                  | 1.20 | 30                     | 5                     |
| WG0915D-X/7.7-8.8GHz                                    | 7.7-8.8            | 0.40              | 20.0                  | 1.25 | 30                     | 5                     |
| WG0915D-X/7.1-9.5GHz                                    | 7.1-9.5            | 0.60              | 18.0                  | 1.30 | 30                     | 5                     |
| WG0915D-X/7.9-8.4GHz                                    | 7.9-8.4            | 0.30              | 23.0                  | 1.20 | 30                     | 5                     |
| WG0915D-X/8.0-9.0GHz                                    | 8.0-9.0            | 0.40              | 20.0                  | 1.25 | 30                     | 5                     |
| WG0915D-X/8.0-10.0GHz                                   | 8.0-10.0           | 0.40              | 20.0                  | 1.25 | 30                     | 5                     |
| WG0915D-X/8.0-12.0GHz                                   | 8.0-12.0           | 0.50              | 18.0                  | 1.30 | 30                     | 5                     |
| WG0915D-X/8.3-8.5GHz                                    | 8.3-8.5            | 0.30              | 23.0                  | 1.20 | 30                     | 5                     |
| WG0915D-X/8.5-9.5GHz                                    | 8.5-9.5            | 0.35              | 20.0                  | 1.20 | 30                     | 5                     |
| WG0915D-X/8.5-10.5GHz                                   | 8.5-10.5           | 0.40              | 19.0                  | 1.25 | 30                     | 5                     |
| WG0915D-X/8.5-10.7GHz                                   | 8.5-10.7           | 0.40              | 19.0                  | 1.25 | 30                     | 5                     |
| WG0915D-X/8.9-9.6GHz                                    | 8.9-9.6            | 0.40              | 20.0                  | 1.25 | 30                     | 5                     |
| WG0915D-X/9.0-9.8GHz                                    | 9.0-9.8            | 0.35              | 23.0                  | 1.20 | 30                     | 5                     |
| WG0915D-X/9.0-10.0GHz                                   | 9.0-10.0           | 0.40              | 20.0                  | 1.25 | 30                     | 5                     |
| WG0915D-X/9.0-11.5GHz                                   | 9.0-11.5           | 0.40              | 20.0                  | 1.25 | 30                     | 5                     |
| WG0915D-X/9.2-9.5GHz                                    | 9.2-9.5            | 0.30              | 23.0                  | 1.20 | 30                     | 5                     |
| WG0915D-X/9.3-10.0GHz                                   | 9.3-10.0           | 0.35              | 23.0                  | 1.20 | 30                     | 5                     |
| WG0915D-X/9.4-9.5GHz                                    | 9.4-9.5            | 0.30              | 23.0                  | 1.20 | 30                     | 5                     |
| WG0915D-X/9.5-10.5GHz                                   | 9.5-10.5           | 0.40              | 20.0                  | 1.20 | 30                     | 5                     |
| WG0915D-X/9.8-10.6GHz                                   | 9.8-10.6           | 0.40              | 20.0                  | 1.25 | 30                     | 5                     |
| WG0915D-X/10.0-11.0GHz                                  | 10.0-11.0          | 0.30              | 20.0                  | 1.20 | 30                     | 5                     |
| WG0915D-X/10.0-13.0GHz                                  | 10.0-13.0          | 0.50              | 20.0                  | 1.25 | 30                     | 5                     |



| Model No.<br>(X=1: →Clockwise)<br>(X=2: ←Anticlockwise) | Freq. Range<br>GHz | IL.<br>dB<br>(max) | Isolation<br>dB (min) | VSWR | Forward<br>Power<br>CW | Reverse<br>Power<br>W |
|---------------------------------------------------------|--------------------|--------------------|-----------------------|------|------------------------|-----------------------|
| WG0915D-X/10.0-15.0GHz                                  | 10.0-15.0          | 0.50               | 18.0                  | 1.35 | 30                     | 5                     |
| WG0915D-X/10.1-10.5GHz                                  | 10.1-10.5          | 0.30               | 23.0                  | 1.20 | 30                     | 5                     |
| WG0915D-X/10.25-11.0GHz                                 | 10.25-11.0         | 0.40               | 20.0                  | 1.25 | 30                     | 5                     |
| WG0915D-X/10.5-11.0GHz                                  | 10.5-11.0          | 0.40               | 20.0                  | 1.25 | 30                     | 5                     |
| WG0915D-X/10.5-12.5GHz                                  | 10.5-12.5          | 0.40               | 20.0                  | 1.20 | 30                     | 5                     |
| WG0915D-X/11.0-14.0GHz                                  | 11.0-14.0          | 0.60               | 18.0                  | 1.35 | 30                     | 5                     |
| WG0915D-X/11.3-11.6GHz                                  | 11.3-11.6          | 0.30               | 23.0                  | 1.20 | 30                     | 5                     |
| WG0915D-X/11.5-18.0GHz                                  | 11.5-18.0          | 0.70               | 16.0                  | 1.45 | 30                     | 5                     |
| WG0915D-X/12.0-15.0GHz                                  | 12.0-15.0          | 0.60               | 18.0                  | 1.30 | 30                     | 5                     |
| WG0915D-X/12.0-18.0GHz                                  | 12.0-18.0          | 0.60               | 17.0                  | 1.40 | 30                     | 5                     |
| WG0915D-X/13.0-14.0GHz                                  | 13.0-14.0          | 0.40               | 20.0                  | 1.20 | 30                     | 5                     |
| WG0915D-X/13.7-14.5GHz                                  | 13.7-14.5          | 0.30               | 23.0                  | 1.20 | 30                     | 5                     |
| WG0915D-X/13.8-17.8GHz                                  | 13.8-17.8          | 0.50               | 18.0                  | 1.30 | 30                     | 5                     |
| WG0915D-X/14.0-14.5GHz                                  | 14.0-14.5          | 0.40               | 20.0                  | 1.25 | 30                     | 5                     |
| WG0915D-X/14.0-18.0GHz                                  | 14.0-18.0          | 0.70               | 18.0                  | 1.35 | 30                     | 5                     |
| WG0915D-X/15.0-15.4GHz                                  | 15.0-15.4          | 0.35               | 23.0                  | 1.20 | 30                     | 5                     |
| WG0915D-X/15.0-18.0GHz                                  | 15.0-18.0          | 0.60               | 18.0                  | 1.30 | 30                     | 5                     |
| WG0915D-X/15.5-16.5GHz                                  | 15.5-16.5          | 0.50               | 20.0                  | 1.25 | 30                     | 5                     |
| WG0915D-X/15.7-16.0GHz                                  | 15.7-16.0          | 0.40               | 20.0                  | 1.20 | 30                     | 5                     |
| WG0915D-X/16.0-18.0GHz                                  | 16.0-18.0          | 0.60               | 20.0                  | 1.25 | 30                     | 5                     |

**If the frequency range you need is not covered in the form.  
Please contact us for details.**