

### Main specifications

| Parameters | Min  | Typical | Max | Units |
|------------|------|---------|-----|-------|
| Frequency  | 11.9 | ~       | 18  | GHz   |
| IL         |      |         | 0.2 | dB    |
| VSWR       |      |         | 1.2 | dB    |

### Other parameters

|                        |                            |
|------------------------|----------------------------|
| Power Capacity         | 300W Design assurance      |
| Waveguide model        | Rect waveguider            |
| Connector 1            | FBP140                     |
| Connector 2            | N-K                        |
| Surface                | Black baking paint         |
| Product shell material | Aluminium                  |
| Operation Temp         | -40~+70°C Design assurance |

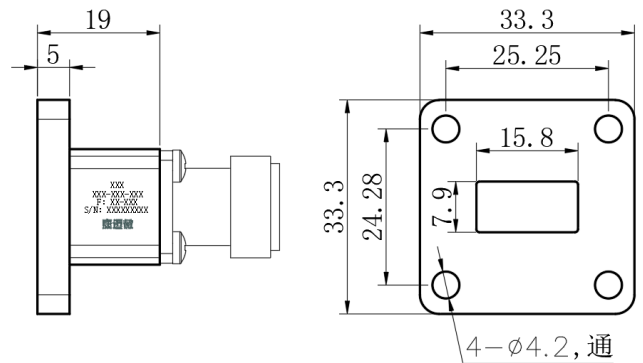
### Typical test data

| Frequency GHz | S11 VSWR | S12 IL (dB) |
|---------------|----------|-------------|
| 11            | 1.34     | -0.18       |
| 11.57         | 1.23     | -0.07       |
| 12.14         | 1.11     | -0.07       |
| 12.71         | 1.07     | -0.08       |
| 13.29         | 1.1      | -0.08       |
| 13.86         | 1.17     | -0.14       |
| 14.43         | 1.19     | -0.14       |
| 15            | 1.13     | -0.13       |
| 15.57         | 1.08     | -0.11       |
| 16.14         | 1.08     | -0.15       |
| 16.71         | 1.08     | -0.14       |
| 17.29         | 1.11     | -0.14       |
| 17.86         | 1.14     | -0.18       |
| 18.43         | 1.15     | -0.2        |
| 19            | 1.43     | -0.31       |

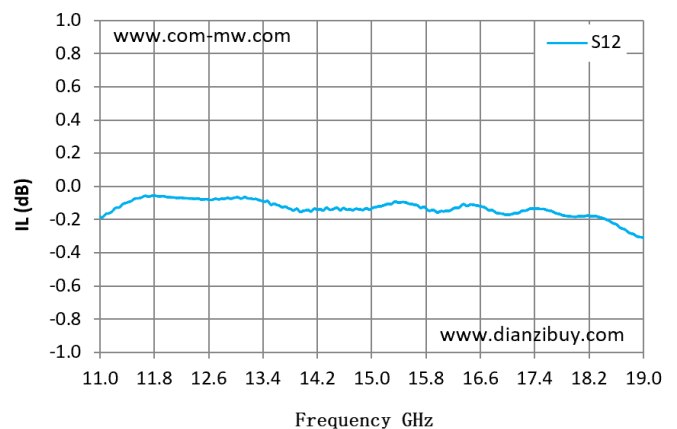
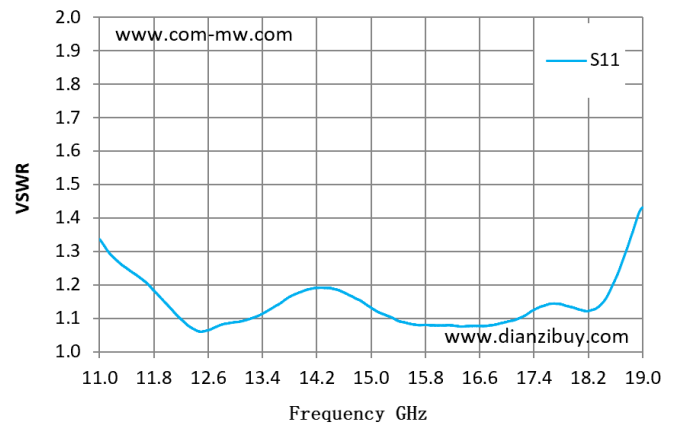
### Reference picture



### Configuration(mm)



### Typical test curve



Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.