

## Product features

Low loss, wide temperature range.

## Main specifications

| Parameters | Min   | Typical | Max   | Units |
|------------|-------|---------|-------|-------|
| Frequency  | 26300 | ~       | 40000 | MHz   |
| IL         |       |         | 0.3   | dB    |
| VSWR       |       | 1.2     |       | dB    |

## Other parameters

|                        |                             |
|------------------------|-----------------------------|
| Power Capacity         | 25W                         |
| Waveguide model        | Rect waveguide              |
| Connector 1            | BJ320                       |
| Connector 2            | 2.92-K                      |
| Flange model           | FBP                         |
| Surface                | Black baking paint          |
| Product shell material | Aluminium                   |
| Operation Temp.        | -55~+125°C Design assurance |

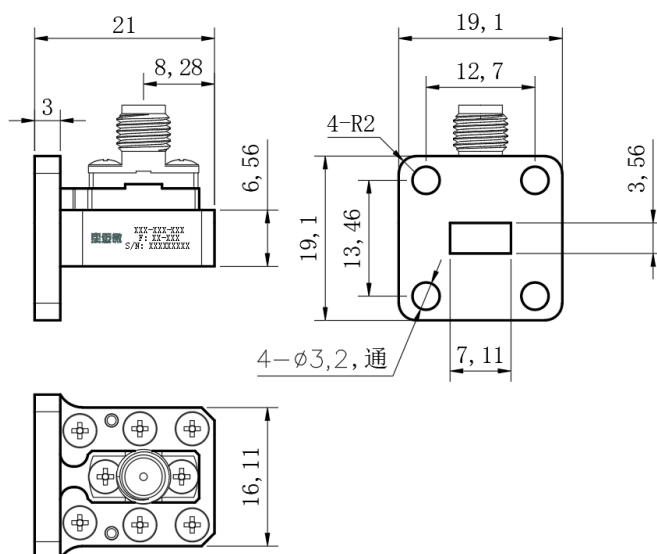
## Typical test data

|    | F (GHz) | S11 VSWR | S12 IL |
|----|---------|----------|--------|
| 1  | 26.3    | 1.12     | -0.22  |
| 2  | 27.4    | 1.15     | -0.25  |
| 3  | 28.5    | 1.21     | -0.23  |
| 4  | 29.6    | 1.2      | -0.2   |
| 5  | 30.7    | 1.19     | -0.19  |
| 6  | 31.8    | 1.15     | -0.21  |
| 7  | 32.9    | 1.1      | -0.16  |
| 8  | 34      | 1.07     | -0.12  |
| 9  | 35.1    | 1.03     | -0.24  |
| 10 | 36.2    | 1.02     | -0.25  |
| 11 | 37.3    | 1.03     | -0.21  |
| 12 | 38.4    | 1.05     | -0.26  |
| 13 | 40      | 1.18     | -0.22  |

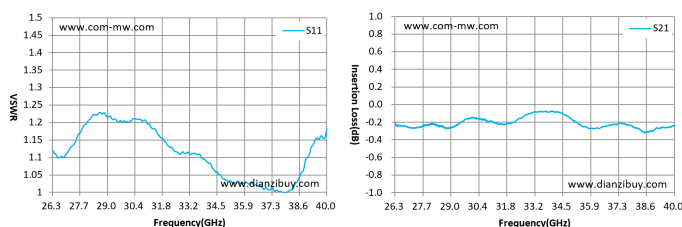
## Reference picture



## Configuration(mm)



## Typical test curve



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