

## Main specifications

| Parameters | Min  | Typical | Max  | Units |
|------------|------|---------|------|-------|
| Frequency  | 4.64 | ~       | 7.05 | GHz   |
| IL         |      |         | 0.15 | dB    |
| VSWR       |      |         | 1.2  |       |

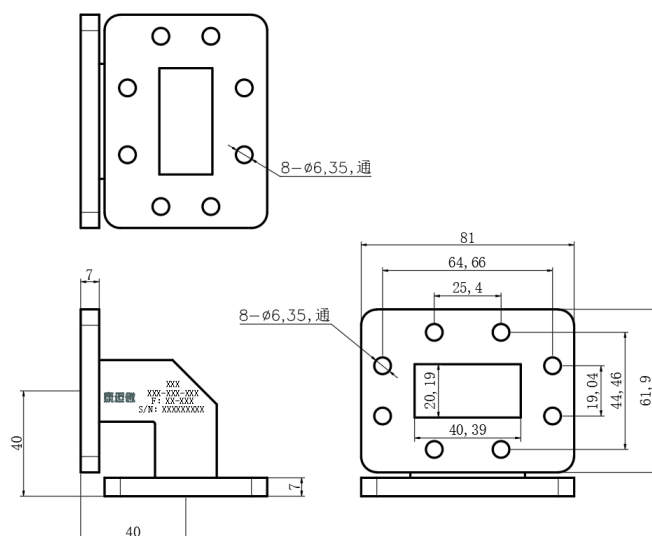
## Other parameters

|                        |                            |
|------------------------|----------------------------|
| Power                  | 4000W Design assurance     |
| Waveguide model        | Rect waveguide             |
| Waveguide shape        | Curved waveguide           |
| Connector 1            | BJ58                       |
| Connector 2            | BJ58                       |
| Flange model           | FDP58                      |
| Surface                | Black baking paint         |
| Product shell material | Aluminum                   |
| Work Temp.             | -40~+85°C Design assurance |

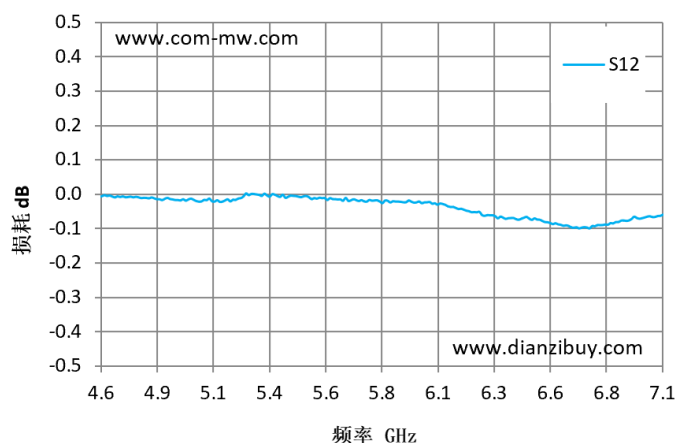
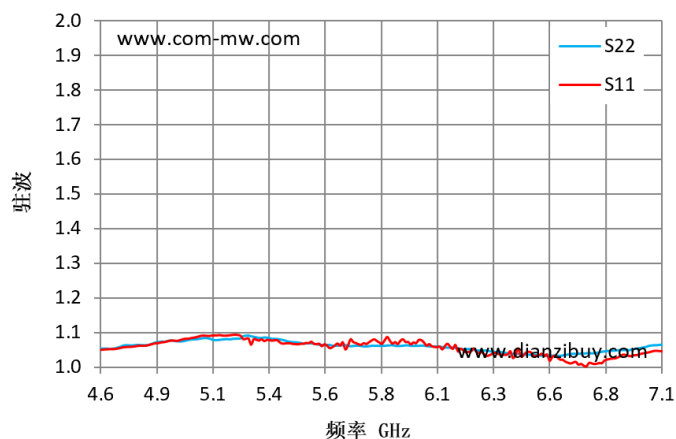
## Typical test data

| Frequency(GHz) | S22 VSWR | S11 VSWR | S12 IL dB |
|----------------|----------|----------|-----------|
| 4.64           | 1.05     | 1.05     | -0.01     |
| 4.81           | 1.06     | 1.06     | -0.01     |
| 4.98           | 1.08     | 1.08     | -0.02     |
| 5.16           | 1.08     | 1.09     | -0.02     |
| 5.33           | 1.09     | 1.08     |           |
| 5.5            | 1.07     | 1.07     | -0.01     |
| 5.67           | 1.06     | 1.06     | -0.01     |
| 5.85           | 1.06     | 1.07     | -0.03     |
| 6.02           | 1.06     | 1.08     | -0.03     |
| 6.19           | 1.05     | 1.05     | -0.04     |
| 6.36           | 1.04     | 1.04     | -0.07     |
| 6.53           | 1.03     | 1.03     | -0.07     |
| 6.71           | 1.04     | 1.01     | -0.1      |
| 6.88           | 1.05     | 1.03     | -0.08     |
| 7.05           | 1.06     | 1.05     | -0.06     |

## Configuration(mm)



## Typical test curve



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