



## Datasheet

Product name: Waveguide dual coupler

P/N: : XF-CPLCP-30dB-1000

### 1. ELECTRICAL SPECIFICATIONS

|                          |                         |
|--------------------------|-------------------------|
| 1.1 FREQUENCY:           | 4.4-5.0GHz              |
| 1.2 INSERTION LOSS:      | $\leq 0.2\text{dB}$     |
| 1.3 VSWR(Main line):     | $\leq 1.05$             |
| 1.4 VSWR(Coupling Port): | $\leq 1.35$             |
| 1.5 COUPLING:            | $40 \pm 1\text{dB}$     |
| 1.6 FLATNESS:            | $\leq \pm 0.5\text{dB}$ |
| 1.7 DIRECTIVITY:         | $\geq 20\text{dB}$      |
| 1.8 POWER:               | 2000W (PW)              |
| 1.9 CONNECTOR:           | WR 187 / N(F)           |

### 2. Additional information:

|                        |                                |
|------------------------|--------------------------------|
| 2.1 SURFACE TREATMENT: | Natural conductive oxidation   |
| 2.2 MARKING METHOD:    | tag                            |
| 2.3 TEMPERATURE:       | $-55 \sim +85^{\circ}\text{C}$ |

### 3. Outline Dimensions (Unit: mm Tolerance: X.X $\pm$ 0.3mm):

