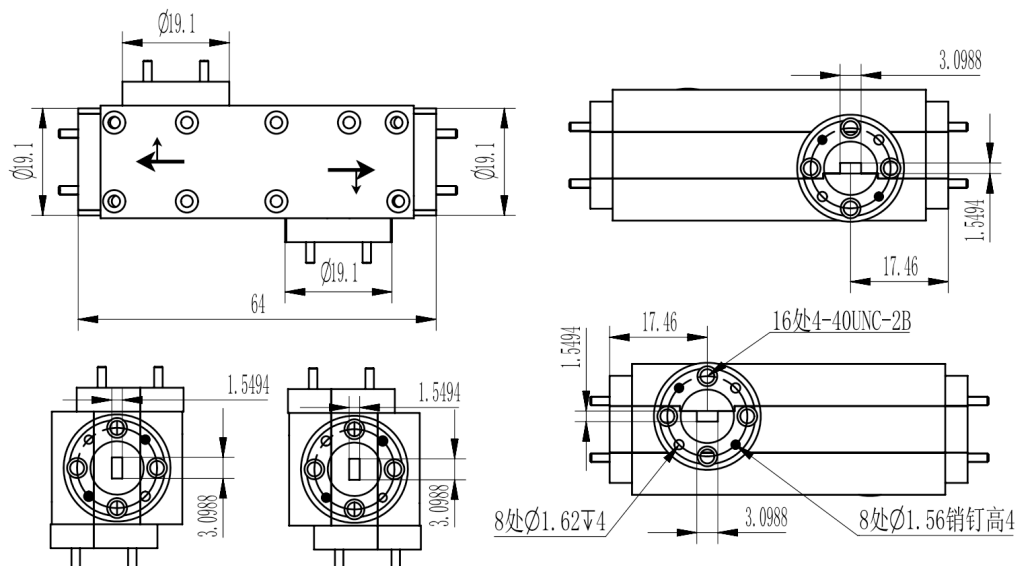


## WR12 Dual Directional Waveguide Coupler, **RWDCD12-20** 60.5-91.9GHz, Coupling 20dB, FUGP740 Flange

### Dimensions(mm) Tolerance $\pm 1\%$



### Electrical & Environmental

|                  |                |           |        |
|------------------|----------------|-----------|--------|
| Frequency Range  | 60.5-91.9GHz   | Impedance | 50 Ohm |
| VSWR Primary     | 1.1 Max        |           |        |
| VSWR Secondary   | 1.3 Max        |           |        |
| Insertion Loss   | 00.5dB Max     |           |        |
| Nominal Coupling | 20 $\pm$ 1.0dB |           |        |
| Directivity      | 25dB Min       |           |        |

### Mechanical & Product Information

|                |                                 |                |                     |
|----------------|---------------------------------|----------------|---------------------|
| Product Number | RWDCD12-20, P-Grade             | Product Type   | Waveguide Coupler   |
| Waveguide      | WR12(BJ740), FUGP740 Flange     | Waveguide Body | Copper, gold plated |
| Center Contact | Copper, gold plated             |                |                     |
| Housing        | Copper, gold plated             |                |                     |
| Dimensions     | 64(L) $\times$ 19.1( $\phi$ )mm | Net Weight     | -                   |