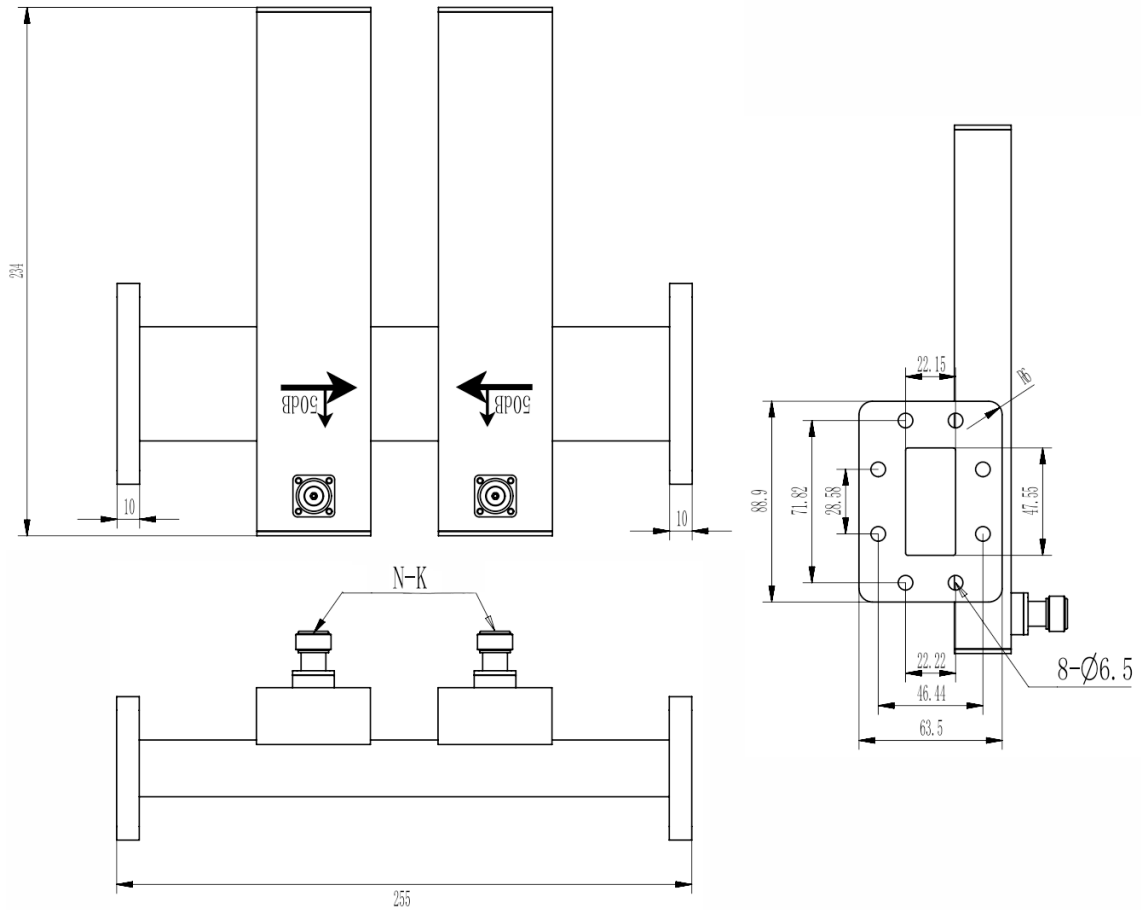


**WR187 Waveguide Dual Directional Cross Coupler, N Female Coupled Port, RWDCDC187N-50**  
**3.94-5.99GHz, Coupling 50dB, FDP48(UDR) Flange**

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



**Electrical & Environmental**

|                         |                |                  |        |
|-------------------------|----------------|------------------|--------|
| <b>Frequency Range</b>  | 3.94-5.99GHz   | <b>Impedance</b> | 50 Ohm |
| <b>VSWR Primary</b>     | 1.1 Max        |                  |        |
| <b>VSWR Secondary</b>   | 1.3 Max        |                  |        |
| <b>Insertion Loss</b>   | dB Max         |                  |        |
| <b>Directivity</b>      | 18dB Min       |                  |        |
| <b>Nominal Coupling</b> | 50 $\pm$ 1.5dB |                  |        |

**Mechanical & Product Information**

|                       |   |                       |  |
|-----------------------|---|-----------------------|--|
| <b>Product Number</b> | RWDCDC187N-50, P-Grade                  | <b>Product Type</b>   | Waveguide Dual Directional Cross Coupler |
| <b>Waveguide</b>      | WR187(BJ48), FDP48(UDR) Flange          | <b>Waveguide Body</b> | Aluminum, grey painted                   |
| <b>Coupled Port</b>   | N Female                                | <b>Connector Body</b> | Passivated stainless steel               |
| <b>Center Contact</b> | Aluminum, electric conductive oxidation |                       |  |
| <b>Housing</b>        | Grey paint                              |                       |  |
| <b>Dimensions</b>     | 255(L)×234(W)mm                         | <b>Net Weight</b>     | -  |



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