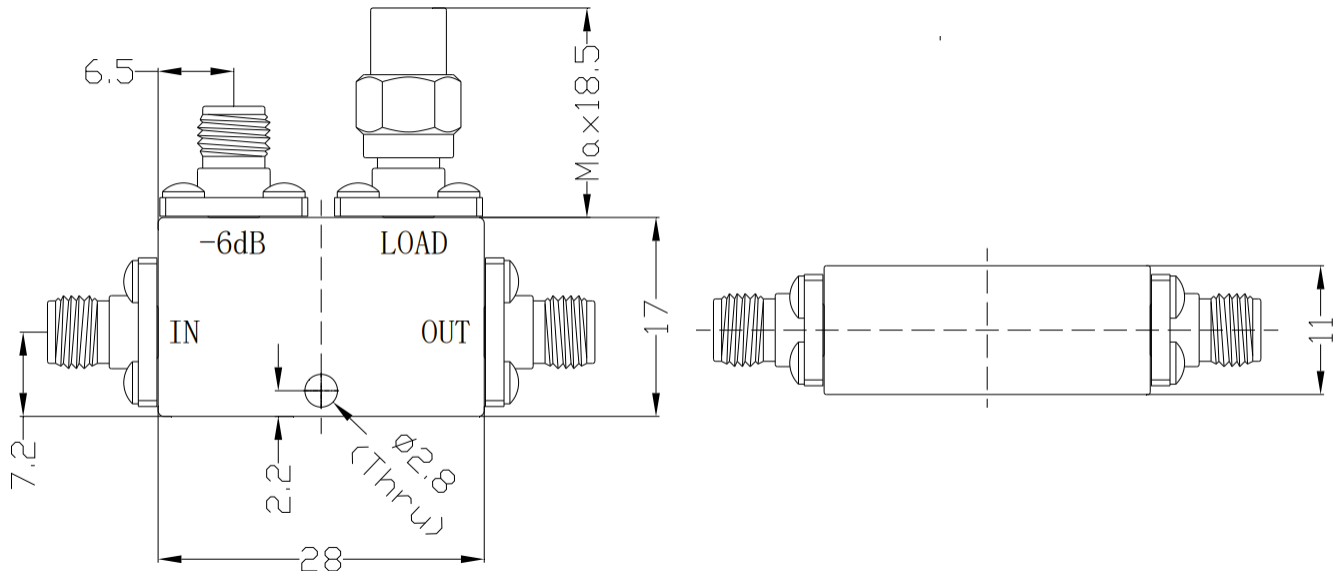


## 2.92mm Directional Coupler, RDC27F32K-6 27-32GHz, Coupling 6dB, 20W

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



### Electrical & Environmental

|                              |   |                  |        |
|------------------------------|---|------------------|--------|
| <b>Frequency Range</b>       | 27-32GHz  | <b>Impedance</b> | 50 Ohm |
| <b>VSWR Primary</b>          | 1.6 Max   |                  |        |
| <b>VSWR Secondary</b>        | Max   |                  |        |
| <b>Insertion Loss</b>        | 1.6dB Max (Excluding Coupling Loss 1.26dB)                                    |                  |        |
| <b>Directivity</b>           | 10dB Min  |                  |        |
| <b>Frequency Sensitivity</b> | $\pm 0.8$ dB  |                  |        |
| <b>Nominal Coupling</b>      | $6 \pm 1.0$ dB  |                  |        |
| <b>Input Avg Power</b>       | 20 Watts max @25°C (Derate linearly to 2 Watt at 100°C)<br>Reflected: 1W Max. |                  |        |
| <b>Operating Temp</b>        | -55°C~+85°C   |                  |        |

### Mechanical & Product Information

|                       |                              |                       |                            |
|-----------------------|------------------------------|-----------------------|----------------------------|
| <b>Product Number</b> | RDC27F32K-6                  | <b>Product Type</b>   | Directional Coupler        |
| <b>Connector</b>      | 2.92mm Female                | <b>Connector Body</b> | Passivated stainless steel |
| <b>Center Contact</b> | Gold plated beryllium copper |                       |                            |
| <b>Housing</b>        | Light blue paint             |                       |                            |
| <b>Dimensions</b>     | 28×17×11mm                   | <b>Net Weight</b>     | About 25.0g                |