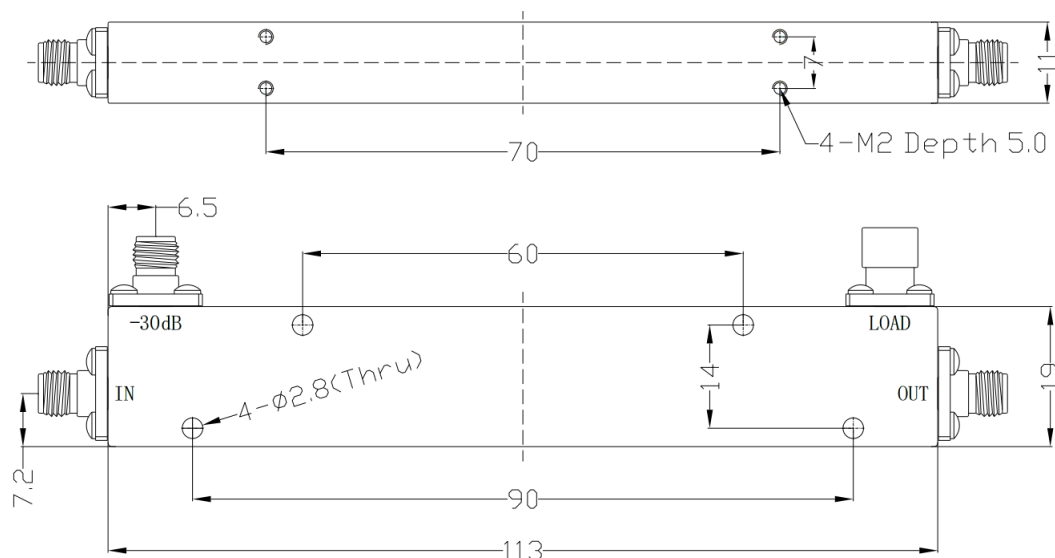


## SMA Directional Coaxial Coupler, RDC05F8S-30

### 0.5-8GHz, Coupling 30dB, 50W

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



#### Electrical & Environmental

|                       |                                            |           |        |
|-----------------------|--------------------------------------------|-----------|--------|
| Frequency Range       | 0.5-8GHz                                   | Impedance | 50 Ohm |
| VSWR Primary          | 1.4 Max                                    |           |        |
| Insertion Loss        | 0.8dB Max (Excluding Coupling Loss 0.01dB) |           |        |
| Directivity           | 15dB Min                                   |           |        |
| Frequency Sensitivity | $\pm 1.0$ dB                               |           |        |
| Nominal Coupling      | $30 \pm 1.0$ dB                            |           |        |
| Input Avg Power       | 50 Watts Max @25°C , Reflected: 50W Max.   |           |        |
| Operating Temp        | -40°C~+80°C                                |           |        |

#### Mechanical & Product Information

|                |                              |                |                            |
|----------------|------------------------------|----------------|----------------------------|
| Product Number | RDC05F8S-30                  | Product Type   | Coaxial Coupler            |
| Connector      | SMA Female                   | Connector Body | Passivated stainless steel |
| Center Contact | Gold plated beryllium copper |                |                            |
| Housing        | Black paint                  |                |                            |
| Dimensions     | 113×19×11mm                  | Net Weight     | About 74.0g                |