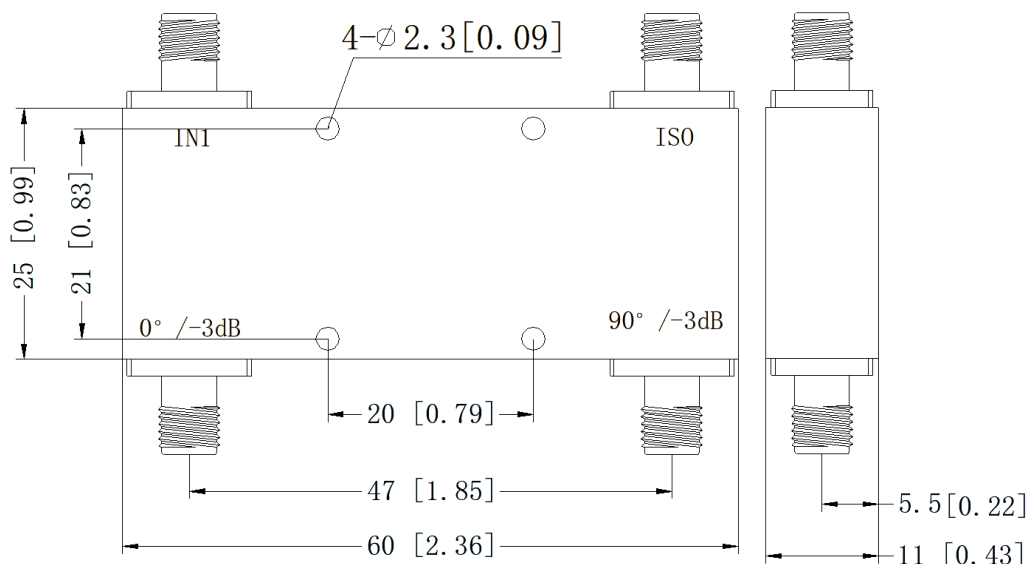


## SMA 90° 3dB Hybrid Coupler, RDCBA2F6S

### 2-6GHz, 50W

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



#### Electrical & Environmental

|                   |                    |           |        |
|-------------------|--------------------|-----------|--------|
| Frequency Range   | 2-6GHz             | Impedance | 50 Ohm |
| VSWR Primary      | 1.35 Max           |           |        |
| Insertion Loss    | 1.2dB Max          |           |        |
| Phase Difference  | 90°                |           |        |
| Isolation         | 18dB min           |           |        |
| Amplitude Balance | $\pm 0.4$ dB       |           |        |
| Phase Balance     | $\pm 4^\circ$      |           |        |
| Input Avg Power   | 50 Watts Max @25°C |           |        |
| Operating Temp    | -45°C~+85°C        |           |        |

#### Mechanical & Product Information

|                |                              |                |                            |
|----------------|------------------------------|----------------|----------------------------|
| Product Number | RDCBA2F6S                    | Product Type   | 3dB Hybrid Coupler         |
| Connector      | SMA Female                   | Connector Body | Passivated stainless steel |
| Center Contact | Gold plated beryllium copper |                |                            |
| Housing        | Light blue paint             |                |                            |
| Dimensions     | 60×25×11mm                   | Net Weight     | -                          |