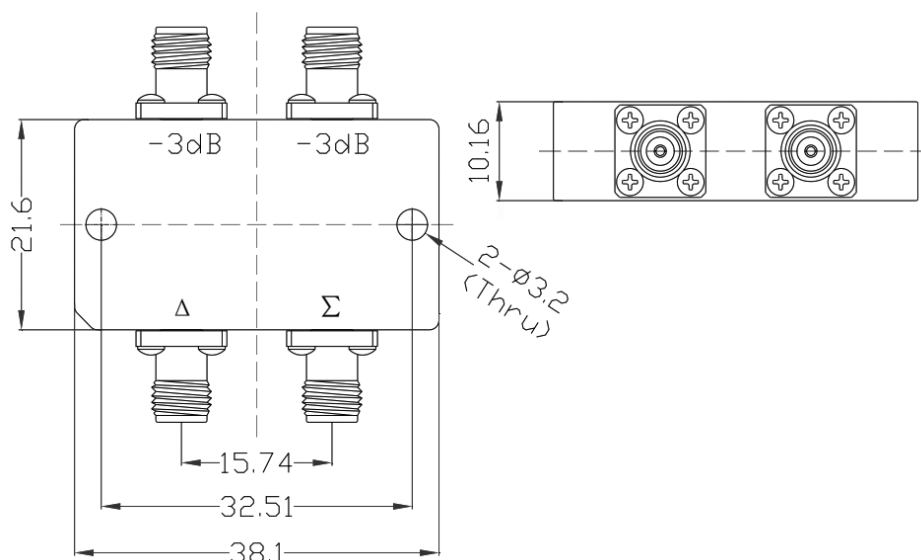


## SMA 180° 3dB Hybrid Coupler, RDCB4F8S

### 4-8GHz, 80W

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



#### Electrical & Environmental

|                   |                    |           |        |
|-------------------|--------------------|-----------|--------|
| Frequency Range   | 4-8GHz             | Impedance | 50 Ohm |
| VSWR Primary      | 1.5 Max            |           |        |
| Insertion Loss    | 0.6dB Max          |           |        |
| Phase Difference  | 180°               |           |        |
| Nominal Split     | 3.01dB             |           |        |
| Isolation         | 16dB min           |           |        |
| Amplitude Balance | $\pm 0.5$ dB       |           |        |
| Phase Balance     | $\pm 8^\circ$      |           |        |
| Input Avg Power   | 80 Watts Max @25°C |           |        |
| Peak Power        | 1000W              |           |        |
| Operating Temp    | -40°C~+80°C        |           |        |

#### Mechanical & Product Information

|                |                                  |                |                            |
|----------------|----------------------------------|----------------|----------------------------|
| Product Number | RDCB4F8S                         | Product Type   | 3dB Hybrid Coupler         |
| Connector      | SMA Female                       | Connector Body | Passivated stainless steel |
| Center Contact | Gold plated beryllium copper     |                |                            |
| Housing        | 6061 Aluminum alloy, Black paint |                |                            |
| Dimensions     | 38.1×21.6×10.16mm                | Net Weight     | About 30.0g                |