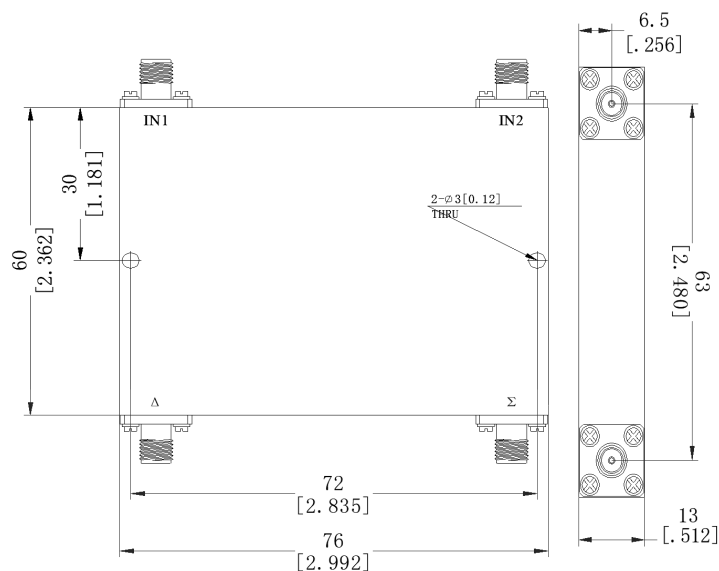


## SMA 180° 3dB Hybrid Coupler, RDCB107F202S

1700-2200MHz, 30W

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



### Electrical & Environmental

|                       |                    |           |        |
|-----------------------|--------------------|-----------|--------|
| Frequency Range       | 1700-2200MHz       | Impedance | 50 Ohm |
| VSWR Primary          | 1.35 Max           |           |        |
| VSWR Secondary        | 1.35 Max           |           |        |
| Insertion Loss        | 0.6dB Max          |           |        |
| Phase Difference      | 180°               |           |        |
| Directivity           | 20dB Min           |           |        |
| Frequency Sensitivity | $\pm 0.5$ dB       |           |        |
| Phase Balance         | $\pm 10^\circ$     |           |        |
| Input Avg Power       | 30 Watts Max @25°C |           |        |
| Operating Temp        | -45°C~+85°C        |           |        |

### Mechanical & Product Information

|                |                              |                |                            |
|----------------|------------------------------|----------------|----------------------------|
| Product Number | RDCB107F202S                 | Product Type   | 3dB Hybrid Coupler         |
| Connector      | SMA Female                   | Connector Body | Passivated stainless steel |
| Center Contact | Gold plated beryllium copper |                |                            |
| Housing        | Light blue paint             |                |                            |
| Dimensions     | 72×60×13mm                   | Net Weight     | -                          |