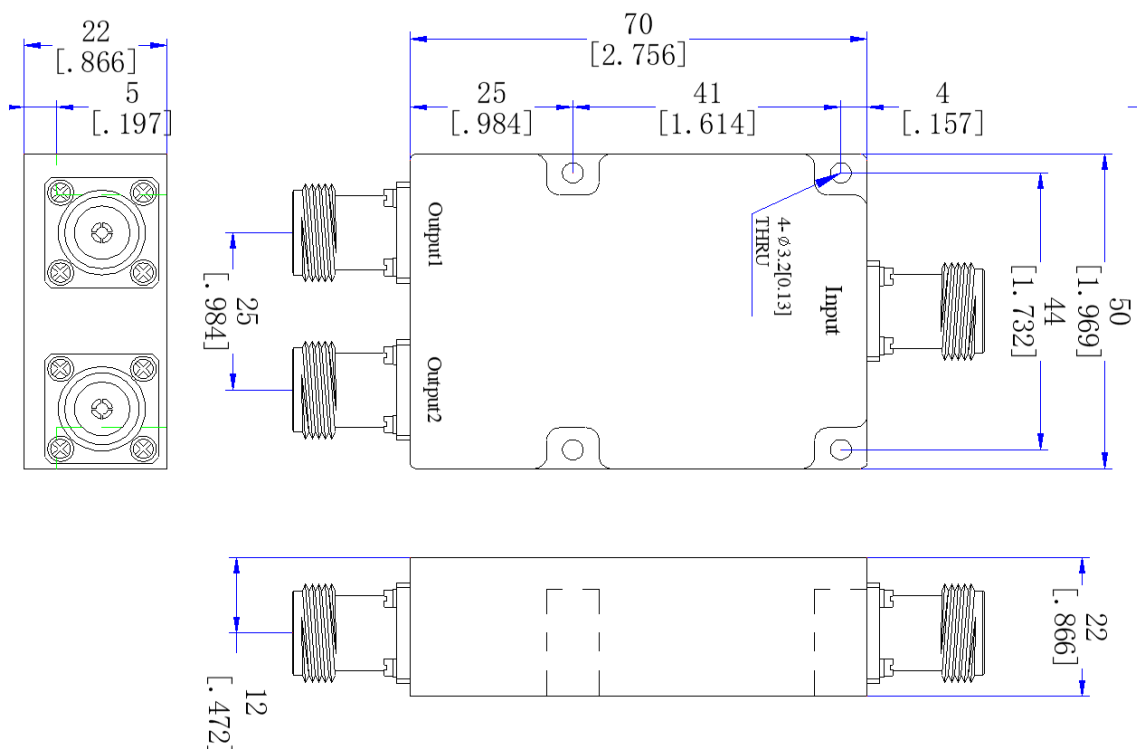


## N 2 Way Microstrip Power Divider, RPD2F6N2W100

2-6GHz, 100W

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



### Electrical & Environmental

|                   |                                                           |                  |                     |
|-------------------|-----------------------------------------------------------|------------------|---------------------|
| Frequency Range   | 2-6GHz                                                    | Impedance        | 50 Ohm              |
| Input Port VSWR   | 1.35 max (Typ.1.18)                                       | Output Port VSWR | 1.25 max (Typ.1.15) |
| Insertion Loss    | 1dB max (Excluding theoretical loss未含理论损耗3.0dB)           |                  |                     |
| Isolation         | 18dB min (Typ.26dB)                                       |                  |                     |
| Amplitude Balance | $\pm 0.2$ dB                                              | Phase Balance    | $\pm 3^\circ$       |
| Input Avg Power   | 100 Watts max @25°C (Derate linearly to 10 Watt at 100°C) |                  |                     |
| Operating Temp    | -35°C ~ +75°C                                             |                  |                     |

### Mechanical & Product Information

|                |                              |                |                            |
|----------------|------------------------------|----------------|----------------------------|
| Product Number | RPD2F6N2W100                 | Way            | 2                          |
| Connector      | N Female                     | Connector Body | Ternary alloy plated brass |
| Center Contact | Gold plated beryllium copper |                |                            |
| Housing        | Black paint                  |                |                            |
| Dimensions     | 70×50×22mm                   | Net Weight     | -                          |