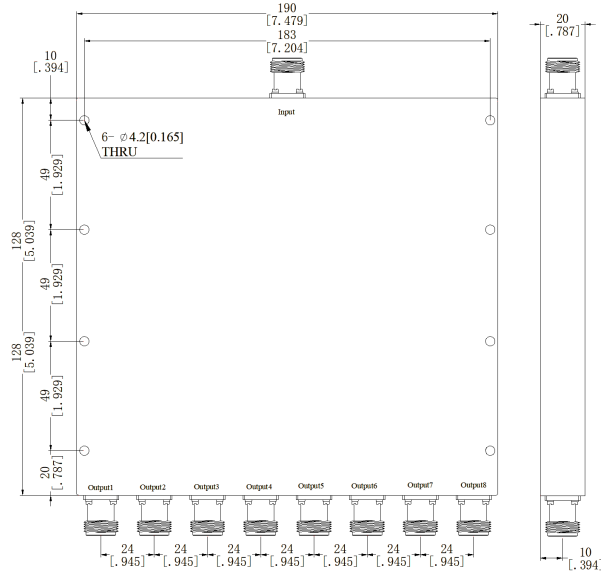


N 8 Way Microstrip Power Divider, RPD05F8N8

0.5-8GHz, 20W

Dimensions(mm) Tolerance±1%



Electrical & Environmental

| | | | |
|--------------------------|--|------------------|--------|
| Frequency Range | 0.5-8GHz | Impedance | 50 Ohm |
| Input Port VSWR | 1.5 max (Typ.1.16) | | |
| Output Port VSWR | 1.25 max (Typ.1.14) | | |
| Insertion Loss | 4dB max (Excluding theoretical loss未含理论损耗9.0dB) | | |
| Isolation | 18dB min (Typ.26dB) | | |
| Amplitude Balance | ± 0.4 dB | | |
| Phase Balance | $\pm 5^\circ$ | | |
| Input Avg Power | 20 Watts max @25°C (Derate linearly to 2 Watt at 100°C) (Combiner合路器用时1W) | | |
| Operating Temp | -45°C ~ +85°C | | |

Mechanical & Product Information

| | | | |
|-----------------------|------------------------------|-----------------------|----------------------------|
| Product Number | RPD05F8N8 | Way | 8 |
| Connector | N Female | Connector Body | Ternary alloy plated brass |
| Center Contact | Gold plated beryllium copper | | |
| Housing | Black paint | | |
| Dimensions | 120×190×20mm | Net Weight | About 1.2kg |