

## TMPD3-01800600-30N

**1.8 to 6 GHz, 30W, N Female  
3-WAY POWER DIVIDER**

### Electrical Characteristics

|  |                       |
|--|-----------------------|
| <b>FREQUENCY RANGE</b> .....                 | 1800~6000MHz          |
| <b>INSERTION LOSS</b> .....                  | 1.0dB max.            |
| (excluding theoretical insertion loss 4.8dB) |                       |
| <b>AMPLITUDE BALANCE</b> .....               | ±0.8dB                |
| <b>PHASE BALANCE</b> .....                   | ±6 Deg.               |
| <b>VSWR(input port)</b> .....                | 1.18 typ. & 1.35 max. |
| <b>VSWR(output ports)</b> .....              | 1.12 typ. & 1.25 max. |
| <b>ISOLATION</b> .....                       | 18dB min. & 26dB typ. |
| <b>IMPEDANCE</b> .....                       | 50 Ohms               |
| <b>POWER RATING(as a divider)</b> .....      | 30W                   |
| <b>POWER RATING(as a combiner)</b> .....     | 2W                    |

### Mechanical and Enviromental Characteristics

|                                    |                    |
|------------------------------------|--------------------|
| <b>Dimensions</b> .....            | 76×70×20mm         |
| <b>RF Connectors</b> .....         | N female           |
| <b>Surface Finishing</b> .....     | Sandblasted Silver |
| <b>Operating Temperature</b> ..... | -30°C ~ +75°C      |
| <b>Weight</b> .....                | 240g               |

### Outline Drawing(mm[inch])

