

## QPD4-1000-2000-K8-7N

4-Way, 1~2GHz, 800W

### Features:

- \* Small Size
- \* Low Insertion Loss

### Applications:

- \* Amplifiers
- \* Mixers
- \* Antennas
- \* Laboratory Test

### Electrical

|                                |   |
|--------------------------------|---|
| Frequency:                     | 1~2GHz  |
| Insertion Loss <sup>*1</sup> : | 0.6dB max.                                    |
| VSWR:                          | 1.5 max.                                      |
| Isolation:                     | 15dB min.                                     |
| Amplitude Balance:             | ±0.3dB max.                                   |
| Phase Balance:                 | ±10° max.                                     |
| Power @SUM Port:               | 800W max. as divider<br>800W max. as combiner |
| Peak Power:                    | 8000W min. (Duty cycle 5%)                    |

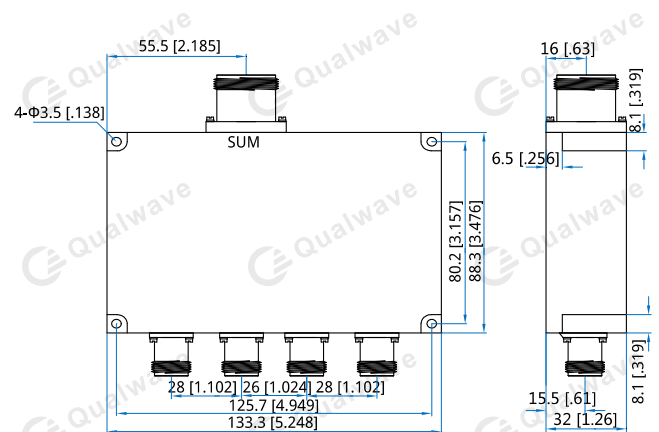
[1] Excluding theoretical loss 6.0dB.

### Mechanical

|                      |                                       |
|----------------------|---------------------------------------|
| Size <sup>*2</sup> : | 133.3*88.3*32mm<br>5.248*3.476*1.26in |
| Connectors:          | 7/16 DIN (L29) female,<br>N female    |
| Mounting:            | 4-Φ3.5mm through-hole                 |

[2] Exclude connectors.

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.08in]

### How To Order

**QPD4-1000-2000-K8-7N**

Customization is available upon request.