

## QPD9-5-500-10-S

9-Way, 5~500MHz

**Features:**

- \* Small Size
- \* Low Insertion Loss

**Applications:**

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

### Electrical

|                                |                |
|--------------------------------|----------------|
| Frequency:                     | 5~500MHz       |
| Insertion Loss <sup>*1</sup> : | 1.5dB max.     |
| VSWR:                          | 1.25 max.      |
| Isolation:                     | 20dB min.      |
| Amplitude Balance:             | ±0.3dB max.    |
| Phase Balance:                 | ±5° max.       |
| Impedance:                     | 50Ω            |
| Power @SUM Port:               | 10W as divider |

[1] Excluding theoretical loss 9.5dB.

### Mechanical

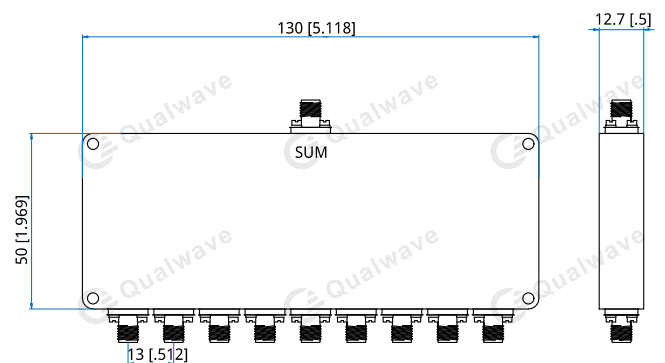
|                      |                                    |
|----------------------|------------------------------------|
| Size <sup>*2</sup> : | 130*50*12.7mm<br>5.118*1.969*0.5in |
| Connectors:          | SMA Female                         |

[2] Exclude connectors.

### Environmental

|                        |           |
|------------------------|-----------|
| Operation Temperature: | -40~+85°C |
|------------------------|-----------|

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.3mm [±0.012in]

### How To Order

**QPD9-5-500-10-S**

Customization is available upon request.