

## QPD3-300-18000-30-S

### 3-Way, 0.3~18GHz

Features:  
 \* Small Size  
 \* Low Insertion Loss

Applications:  
 \* Amplifiers  
 \* Mixers  
 \* Antennas  
 \* Laboratory Test

#### Electrical

|                                |  |
|--------------------------------|--|
| Frequency:                     | 0.3~18GHz                                  |
| Insertion Loss <sup>*1</sup> : | 2.8dB max.                                 |
| Input VSWR:                    | 1.4 max.                                   |
| Output VSWR:                   | 1.4 max.                                   |
| Isolation:                     | 17dB min.                                  |
| Amplitude Balance:             | ±0.5dB max.                                |
| Phase Balance:                 | ±6° max.                                   |
| Power @SUM Port:               | 30W max. as divider<br>5W max. as combiner |

[1] Excluding theoretical loss 4.8dB.

#### Mechanical

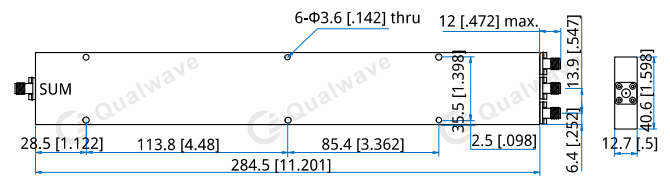
|                      |   |
|----------------------|---|
| Size <sup>*2</sup> : | 284.5*40.6*12.7mm<br>11.201*1.598*0.5in |
| Connectors:          | SMA Female                              |
| Mounting:            | 6-Φ3.6mm through-hole                   |

[2] Exclude connectors.

#### Environmental

|                            |            |
|----------------------------|------------|
| Operation Temperature:     | -55~+85°C  |
| Non-operation Temperature: | -55~+100°C |

#### Outline Drawings



Unit: mm [in]  
 Tolerance: ±0.5mm [±0.02in]

#### How To Order

**QPD3-300-18000-30-S**

Customization is available upon request.