

# 6-Way Power Divider/Combiner

# QPD6-2000-18000-20-S

6-Way, 2~18GHz

Features: \* Small Size

\* Low Insertion Loss

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

## Electrical

| Frequency:         | 2~18GHz             |
|--------------------|---------------------|
| Insertion Loss:    | 2.6dB max.          |
| Input VSWR:        | 1.5 max.            |
| Output VSWR:       | 1.5 max.            |
| Isolation:         | 16dB min.           |
| Amplitude Balance: | ±0.6dB              |
| Phase Balance:     | ±8°                 |
| Impedance:         | 50Ω                 |
| Power @SUM Port:   | 20W max. as divider |
|                    | 1W max. as combiner |
|                    |                     |

#### Mechanical

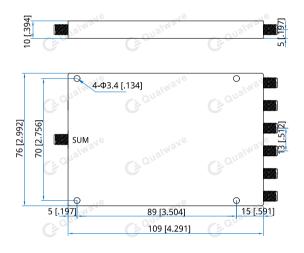
| Size <sup>*1</sup> : | 109*76*10mm           |
|----------------------|-----------------------|
|                      | 4.291*2.992*0.394in   |
| Weight:              | 300g                  |
| Connectors:          | SMA Female            |
| Mounting:            | 4-Ф3.4mm through-hole |

[1] Exclude connectors.

# Environmental

Operation Temperature: -45~+85°C

## **Outline Drawings**



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

How To Order QPD6-2000-18000-20-S

Customization is available upon request.