

QSDC-18000-40000-30

18~40GHz, 30W

Features:
 * Broadband
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

| | |
|--------------------|----------------------|
| Frequency: | 18~40GHz |
| Insertion Loss: | 1.0dB max. |
| | 1.6dB max.(10dB) |
| | 1.1dB max.(20dB) |
| VSWR: | 1.6 max. |
| Directivity: | 10dB min. |
| | 12dB min.(20dB) |
| Coupling: | 10±1, 20±1, 30±1.2dB |
| Coupling Flatness: | ±0.9dB max. |
| | ±1.0dB(30dB) |
| Impedance: | 50Ω |
| Average Power: | 30W |

Mechanical

| | |
|-------------|---------------------|
| Connectors: | 2.92mm Female |
| Mounting: | Φ2.3mm through-hole |

Environmental

| | |
|--------------|-----------|
| Temperature: | -45~+85°C |
|--------------|-----------|

How To Order

QSDC-18000-40000-30-X-Y

X: Coupling: 10, 20, 30
 10, 20dB - Outline A
 30dB - Outline B
 Y: Connector type

Connector naming rules:

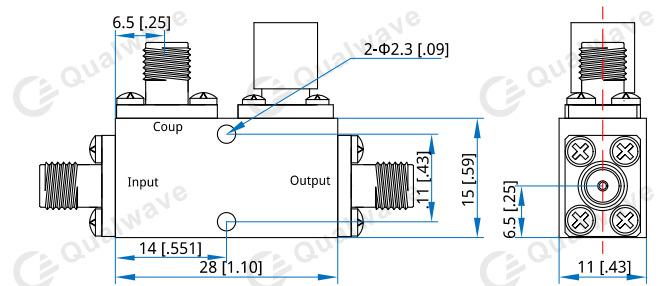
K - 2.92mm Female

Examples:

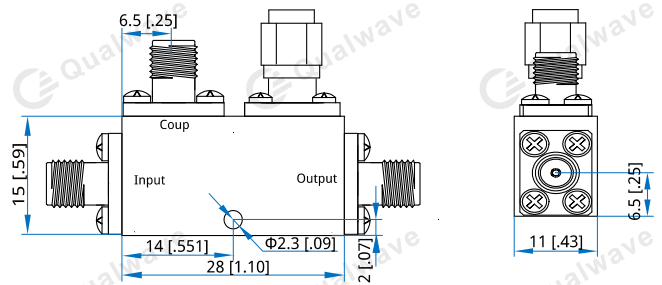
To order a single directional coupler, 18~40GHz, 30W, 10dB, 2.92mm female, specify QSDC-18000-40000-30-10-K.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

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