

## 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
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#### 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:

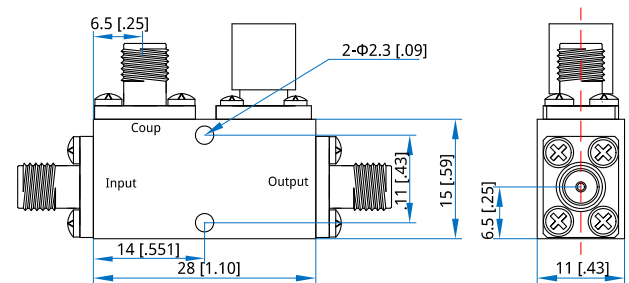
K - 2.92mm Female

Examples:

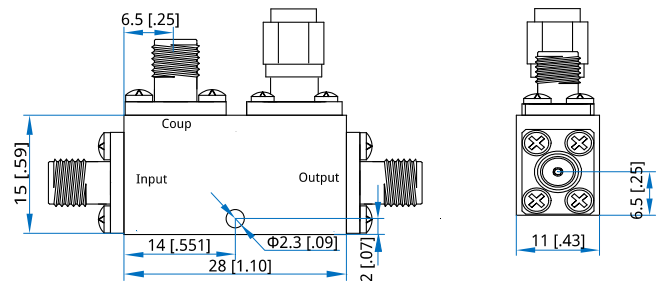
To order a single directional coupler, 18~40GHz, 30W, 10dB, 2.92mm female, specify QSDC-18000-40000-30-10-K.

Customization is available upon request.

#### Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]