

## QSDC-7000-12400-50

### 7~12.4GHz, 50W

**Features:**

- \* Broadband
- \* Low Insertion Loss

**Applications:**

- \* Amplifiers
- \* Transmitter
- \* Laboratory Test
- \* Radar

**Electrical**

Frequency:	7~12.4GHz
Insertion Loss:	1dB max.
VSWR:	1.5 max.
Coupling:	10±1, 20±1, 30±1dB
Directivity:	12dB min.
Frequency Sensitivity:	±1.0dB max.
Average Power:	50W max.
Impedance:	50Ω

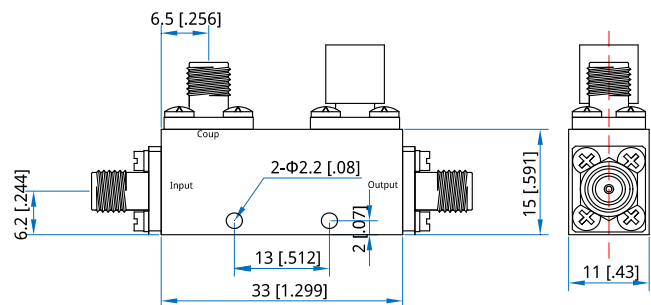
**Mechanical**

Size*1:	33*15*11mm 1.299*0.591*0.43in
Connectors:	SMA Female
Mounting:	2-Φ2.2mm through-hole

[1] Exclude connectors and terminations.

**Environmental**

Operating Temperature:	-45~+85°C
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**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.3mm [±0.012in]

**How To Order**

**QSDC-7000-12400-50-X-Y**

X: Coupling: 10, 20, 30

Y: Connector type

Connector naming rules:

S - SMA Female

Examples:

To order a single directional coupler, 7~12.4GHz, 50W, 10dB, SMA, specify QSDC-7000-12400-50-10-S.

Customization is available upon request.