

# QSDC-400-18000-50

0.4~18GHz, 50W

**Features:**

- \* Broadband
- \* Low Insertion Loss

**Applications:**

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

**Electrical**

Frequency:	0.4~18GHz
Insertion Loss:	1.5dB max.
VSWR:	1.8 max. @400~500MHz
	1.6 max. @500~18000MHz
Directivity:	10dB min.
Coupling:	10±1.5, 20±1.5dB
Coupling Flatness:	±1.0dB max.
Impedance:	50Ω
Average Power:	50W

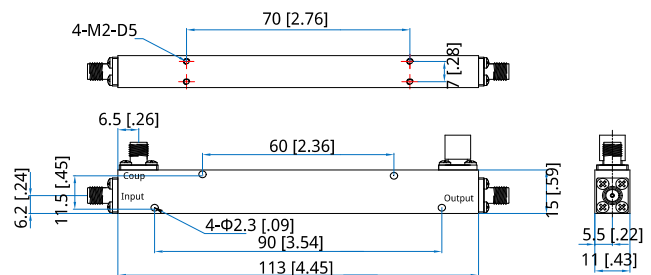
**Mechanical**

Size*1:	113*15*11mm
	4.45*0.59*0.43in
Connectors:	SMA Female
Mounting:	4-Φ2.3mm through-hole
	4-M2, depth 5mm

[1] Exclude connectors and terminations.

**Environmental**

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


Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

**How To Order**

**QSDC-400-18000-50-X-Y**

X: Coupling: 10, 20

Y: Connector type

Connector naming rules:

S - SMA Female

Examples:

To order a single directional coupler, 0.4~18GHz, 50W, 10dB, SMA, specify QSDC-400-18000-50-10-S.

Customization is available upon request.