

# QSDC-1000-18000-30

## 1~18GHz, 30W

**Features:**

- \* Broadband
- \* Low Insertion Loss

**Applications:**

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

**Electrical**

Frequency:	1~18GHz
Insertion Loss:	1.5dB max.
Coupling:	10, 20, 30dB
Coupling Flatness:	±1dB max.
Directivity:	10dB min.
VSWR:	1.6 max.
Average Power:	30W max.
Impedance:	50Ω

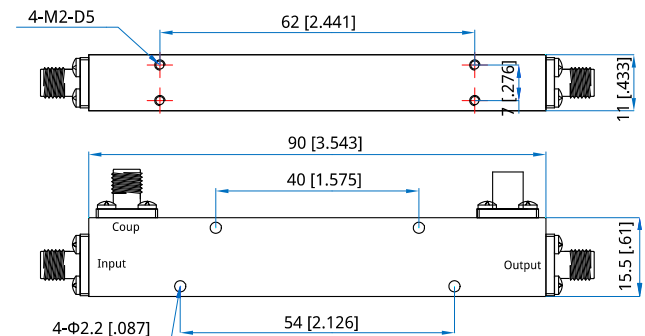
**Mechanical**

Size*1:	90*15.5*11mm 3.543*0.61*0.433in
Connectors:	SMA Female
Mounting:	4-Φ2.2mm through-hole 4-M2, depth 5mm

[1] Exclude connectors and terminations.

**Environmental**

Operating Temperature:	-30~+70°C
Non-operating Temperature:	-40~+80°C

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

**How To Order**

**QSDC-1000-18000-30-X-Y**

X: Coupling: 10, 20, 30

Y: Connector type

Connector naming rules:

S - SMA Female

Examples:

To order a single directional coupler, 1~18GHz, 30W, 10dB, SMA, specify QSDC-1000-18000-30-10-S.

Customization is available upon request.