

QSDC-1000-4000-30

1~4GHz, 30W

Features:

- * Broadband
- * Low Insertion Loss

Applications:

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

Electrical

| | |
|--------------------|-------------------------------|
| Frequency: | 1~4GHz |
| Insertion Loss: | 1dB max. 0.5dB max. (30dB) |
| Coupling: | 10, 20, 30dB |
| Coupling Flatness: | ±1dB |
| Directivity: | 20dB min. |
| VSWR: | 1.3 max. |
| Average Power: | 30W |
| Impedance: | 50Ω |

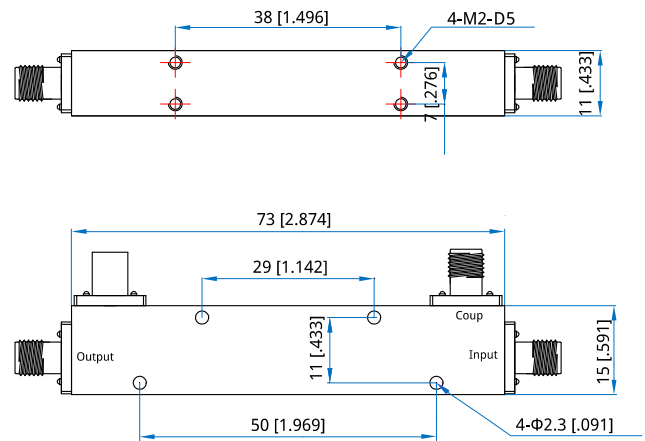
Mechanical

| | |
|-------------|--|
| Size*1: | 73*15*11mm 2.874*0.591*0.433in |
| Connectors: | SMA Female |
| Mounting: | 4-Φ2.3mm 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-1000-4000-30-X-Y

X: Coupling: 10, 20, 30

Y: Connector type

Connector naming rules:

S - SMA Female

Examples:

To order a single directional coupler, 1~4GHz, 30W, 10dB, SMA, specify QSDC-1000-4000-30-10-S.

Customization is available upon request.