

## QSDC-500-8000-50

0.5~8GHz, 50W

### Features:

- \* Broadband
- \* Low Insertion Loss

### Applications:

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

### Electrical

Frequency:	0.5~8GHz
Insertion Loss:	1.2dB max.
VSWR:	1.4 max. (10dB) 1.5 max. (20dB)
Directivity:	15dB min. (10dB) 12dB min. (20dB)
Coupling:	10±1, 20±1dB
Coupling Flatness:	±1.0dB max.
Impedance:	50Ω
Average Power:	50W

### Mechanical

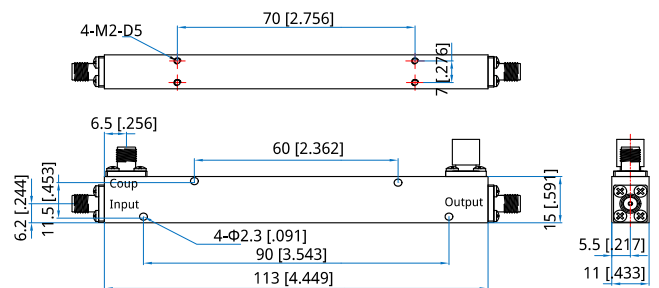
Size*1:	113*15*11mm 4.449*0.591*0.433in
Connectors:	SMA Female
Mounting:	4-Φ2.3mm through-hole 4-M2, depth 5mm

[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-500-8000-50-X-Y**

X: Coupling: 10, 20

Y: Connector type

Connector naming rules:

S - SMA Female

Examples:

To order a single directional coupler, 0.5~8GHz, 50W, 10dB, SMA, specify QSDC-500-8000-50-10-S.

Customization is available upon request.