

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

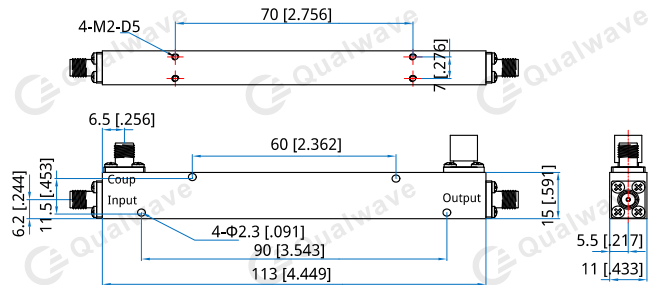
Size*1:	113*15*11mm 4.449*0.591*0.433in
Connectors:	SMA Female
Mounting:	4-Φ2.3mm through-hole 4-M2, depth 5mm

[1] Exclude connectors and terminations.

Environmental

Temperature:	-45~+85°C
--------------	-----------

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.