

QSDC-300-67000-12

0.3~67GHz, 12W

Features:
 * Broadband
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency:	0.3~67GHz
Directivity:	7dB min.
Coupling Flatness:	±1.8dB max.
Impedance:	50Ω
Average Power:	12W max.
Peak Power:	1000W max.

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)
10±1.7	6.5	1.9
13±1.7	6.3	1.9
16±1.7	6.2	1.9
20±2	6.1	1.9

Mechanical

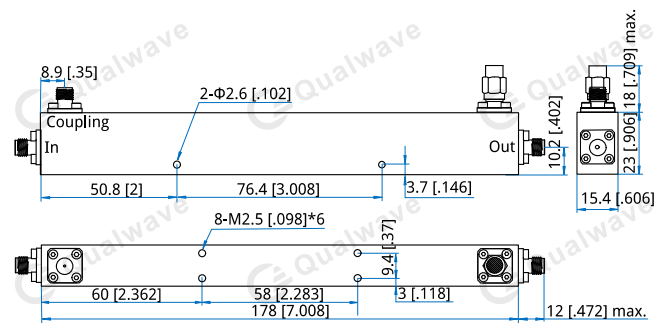
Size*1:	178*23*15.4mm 7.008*0.906*0.606in
Connectors:	1.85mm Female
Mounting:	2-Φ2.6mm through-hole 8-M2.5*6

[1] Exclude connectors and terminations.

Environmental

Operation Temperature:	-55~+85°C
Non-operation Temperature:	-55~+100°C

Outline Drawings



Unit: mm [in]

Tolerance: .x±0.5mm [±0.02in], .xx±0.1mm [±0.004in]

How To Order

QSDC-300-67000-12-X-Y

X: Coupling (10, 13, 16, 20dB)

Y: Connector type

Connector naming rules:

V - 1.85mm female

Examples:

To order a single directional coupler, 0.3~67GHz, 12W, 10dB, 1.85mm female, specify QSDC-300-67000-12-10-V.

Customization is available upon request.