

QSDC-300-8000-K12

0.3~8GHz, 120W

Features:
 * Broadband
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency:	0.3~8GHz
Directivity:	18dB min.
Coupling Flatness:	±0.9dB max.
Impedance:	50Ω
Average Power:	120W max.
Peak Power:	3000W max.

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)
30±1	0.9	1.3
40±1	0.9	1.3

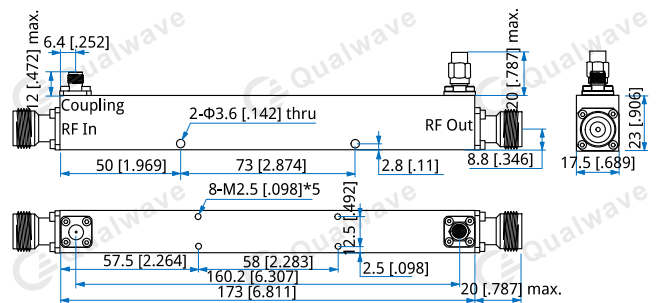
Mechanical

RF Connectors:	N Female
Coupling Connectors:	SMA Female
Mounting:	2-Φ3.6mm through-hole 8-M2.5mm depth 5mm

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-300-8000-K12-X-Y

X: Coupling (30, 40dB)

Y: Connector type

Connector naming rules:

NS - N female & SMA female

Examples:

To order a single directional coupler, 0.3~8GHz, 120W, 30dB, N female & SMA female, specify QSDC-300-8000-K12-30-NS.

Customization is available upon request.