

QSDC-1000-8000-K25

1~8GHz, 250W

Features:
 * Broadband
 * Low Insertion Loss

Applications:
 * Amplifiers
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency:	1~8GHz
Directivity:	14dB min.
Impedance:	50Ω
Average Power:	250W max.
Peak Power:	3000W max.

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Coupling Flatness (±dB max.)
30±0.8	0.4	1.4	0.9
40±0.8	0.4	1.4	0.9

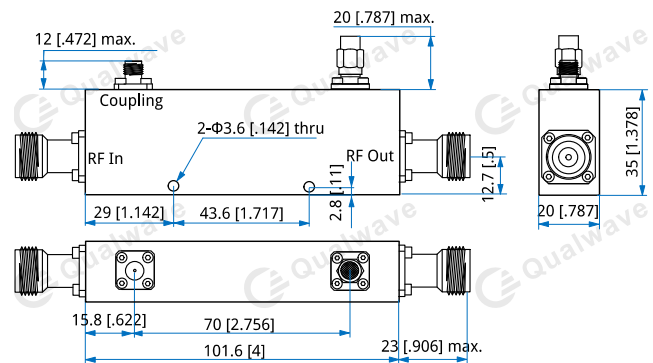
Mechanical

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

Environmental

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

Outline Drawings



Unit: mm [in]

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

How To Order

QSDC-1000-8000-K25-X-Y

X: Coupling (30, 40dB)

Y: Connector type

Connector naming rules:

NS - N female & SMA female

Examples:

To order a single directional coupler, 1~8GHz, 250W, 30dB, N female & SMA female, specify QSDC-1000-8000-K25-30-NS.

Customization is available upon request.