

## QSDC-400-8000-K25

### 0.4~8GHz, 250W

#### Features:

- \* Broadband
- \* Low Insertion Loss

#### Applications:

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

#### Electrical

Frequency:	0.4~8GHz
Impedance:	50Ω
Average Power:	250W max.
Peak Power:	3000W max.

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Coupling Flatness (dB max.)	Directivity (dB min.)
30±0.9	0.7	1.4	±1.3	14
40±1	0.7	1.4	±1.4	14

#### Mechanical

RF Connectors:	N Female
Coupling Connectors:	SMA Female
Mounting:	4-M3*5mm through-hole 2-Φ3.6mm through-hole

#### Environmental

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

#### How To Order

##### QSDC-400-8000-K25-X-Y

X: Coupling (30, 40dB - Outline A)

Y: Connector type

Connector naming rules:

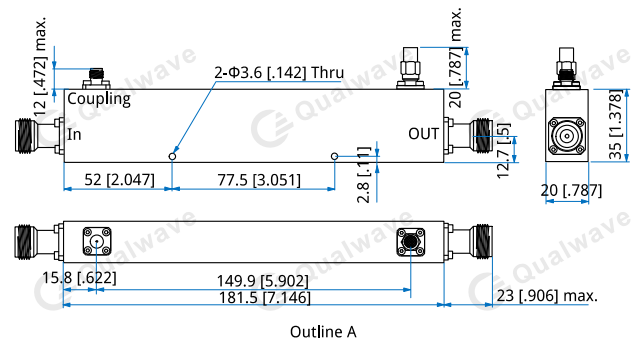
NS - N Female & SMA Female

Examples:

To order a single directional coupler, 0.4~8GHz, 250W, 30dB, N Female & SMA Female, specify QSDC-400-8000-K25-30-NS.

Customization is available upon request.

#### Outline Drawings



Unit: mm [in]

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