

QSDC-300-8000-K25

0.3~8GHz, 250W

Features:

- * Broadband
- * Low Insertion Loss

Applications:

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

Electrical

| | |
|----------------|------------|
| Frequency: | 0.3~8GHz |
| 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±1 | 0.7 | 1.4 | 1.3 |
| 40±1.1 | 0.7 | 1.4 | 1.4 |

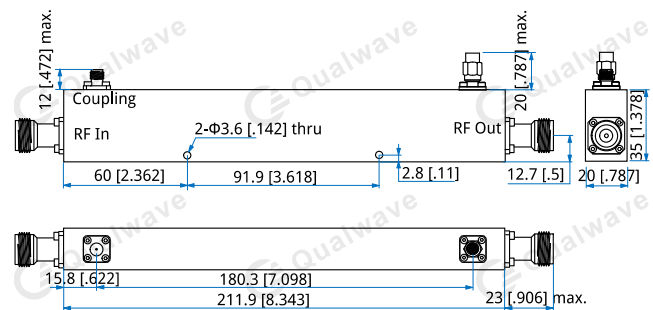
Mechanical

| | |
|----------------------|-----------------------|
| 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-300-8000-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, 0.3~8GHz, 250W, 30dB, N female & SMA female, specify QSDC-300-8000-K25-30-NS.

Customization is available upon request.