

## QSDC-400-8000-K6

0.4~8GHz, 600W

**Features:**

- \* Broadband
- \* Low Insertion Loss

**Applications:**

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

**Electrical**

|                |           |
|----------------|-----------|
| Frequency:     | 0.4~8GHz  |
| Impedance:     | 50Ω       |
| Average Power: | 600W 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*5     |

**Environmental**

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

**How To Order**
**QSDC-400-8000-K6-X-Y**

X: Coupling:

30, 40dB - Outline A

Y: Connector type

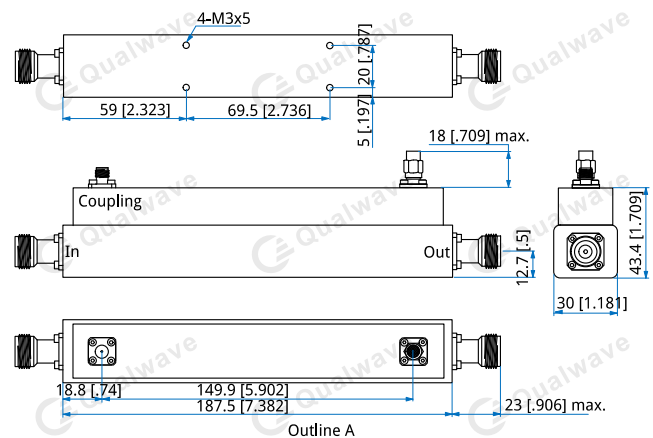
Connector naming rules:

NS - N Female &amp; SMA Female

Examples:

To order a single directional coupler, 0.4~8GHz, 600W, 30dB, N Female & SMA Female, specify QSDC-400-8000-K6-30-NS.

Customization is available upon request.

**Outline Drawings**


Unit: mm [in]

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