

## QDDC-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.

| Coupling (dB) | Insertion Loss (dB max.) | VSWR (max.) | Directivity (dB min.) | Coupling Flatness (dB max.) |
|---------------|--------------------------|-------------|-----------------------|-----------------------------|
| 30±0.9        | 0.7                      | 1.4         | 14                    | ±1.5                        |
| 40±1.0        | 0.7                      | 1.4         | 14                    | ±1.6                        |

#### Mechanical

RF Connectors: N Female  
 Coupling Connectors: SMA Female  
 Mounting: 4-Φ3.8mm through hole

#### Environmental

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

#### How To Order

**QDDC-400-8000-K25-X-Y**

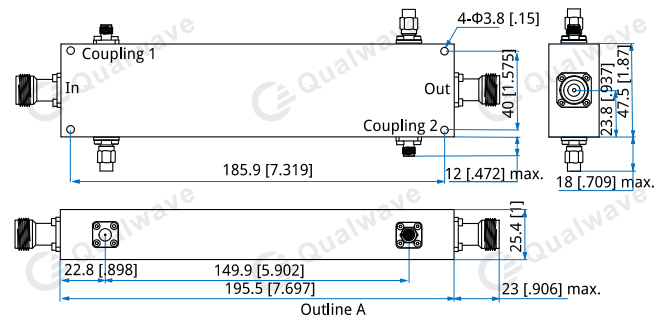
X: Coupling:  
 30, 40dB - Outline A  
 Y: Connector type

Connector naming rules:  
 NS - N Female & SMA Female

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

Customization is available upon request.

#### Outline Drawings



Unit: mm [in]

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