

## QDDC-1000-18000-K25

### 1~18GHz, 250W

Features:  
 \* Broadband  
 \* Low Insertion Loss

Applications:  
 \* Amplifiers  
 \* Transmitter  
 \* Laboratory Test  
 \* Radar

### Electrical

Frequency: 1~18GHz  
 Impedance: 50Ω  
 Average Power: 250W max.  
 Peak Power: 3000W max.

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Directivity (dB min.)	Coupling Flatness (dB max.)
30±1.2	0.8	1.5 (Mainline)	10	±1.2
		1.6 (Coupling)		
40±1.2	0.8	1.5 (Mainline)	10	±1.2
		1.6 (Coupling)		

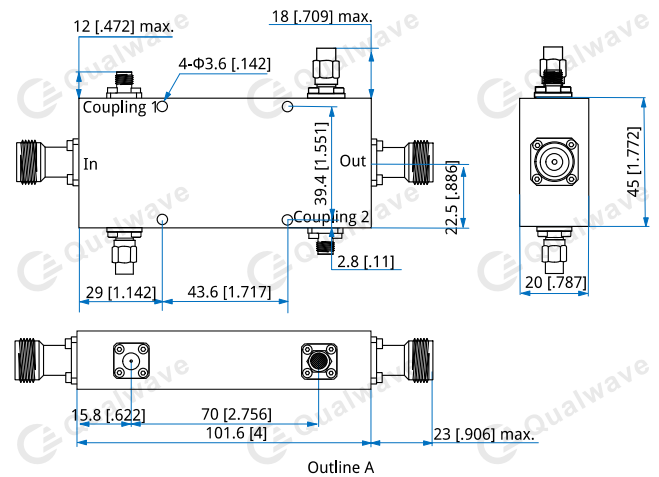
### Mechanical

RF Connectors: N Female  
 Coupling Connectors: SMA Female  
 Mounting: 4-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

**QDDC-1000-18000-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, 1~18GHz, 250W, 30dB, N Female & SMA Female, specify QDDC-1000-18000-K25-30-NS.

Customization is available upon request.