

## QSDC-500-18000-K4

### 0.5~18GHz, 400W

Features:  
 \* Broadband  
 \* Low Insertion Loss

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

#### Electrical

Frequency: 0.5~18GHz  
 Impedance: 50Ω  
 Average Power: 400W max.

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Coupling Flatness (dB max.)	Directivity (dB min.)
30±1.2	1	1.5 (Mainline)	±1.2	10
		1.6 (Coupling)		
40±1.2	1	1.5 (Mainline)	±1.4	10
		1.6 (Coupling)		

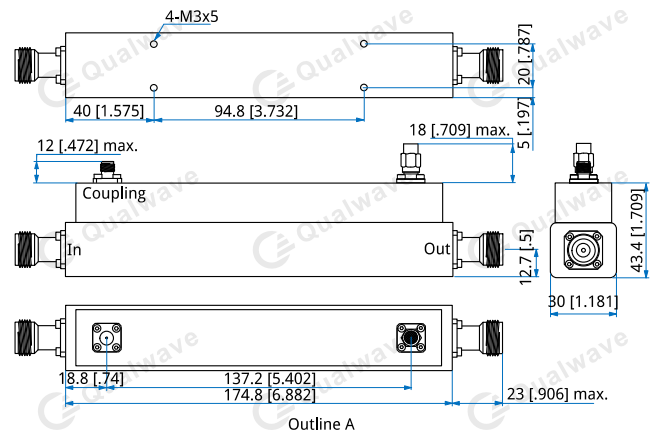
#### Mechanical

RF Connectors: N Female  
 Coupling Connectors: SMA Female  
 Mounting: 4-M3\*5

#### Environmental

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

#### Outline Drawings



Unit: mm [in]

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

#### How To Order

**QSDC-500-18000-K4-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, 0.5~18GHz, 400W, 30dB, N Female & SMA Female, specify QSDC-500-18000-K4-30-NS.

Customization is available upon request.