

## QSDC-2000-4000-50

### 2~4GHz, 50W

Features:  
 \* Broadband  
 \* Low Insertion Loss

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

### Electrical

Frequency:	2~4GHz
Insertion Loss:	1.0dB max. (Outline A) 0.4dB max. (Outline B, C) 0.5dB max. (Outline D)
VSWR:	1.25 max. 1.2 max.(Outline B)
Directivity:	18dB min.
Coupling:	10±1, 20±1, 30±1, 30±0.8dB
Coupling Flatness:	±1.0dB max.
Impedance:	50Ω
Average Power:	50W

### Mechanical

Mounting:	3-Φ2.2mm through-hole 3-Φ3.2mm through-hole
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### Environmental

Temperature:	-45~+85°C
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### How To Order

**QSDC-2000-4000-50-X-Y**

X: Coupling: 10, 20, 30  
 10dB - Outline A  
 20dB - Outline B  
 30dB - Outline C, D  
 Y: Connector type

Connector naming rules:

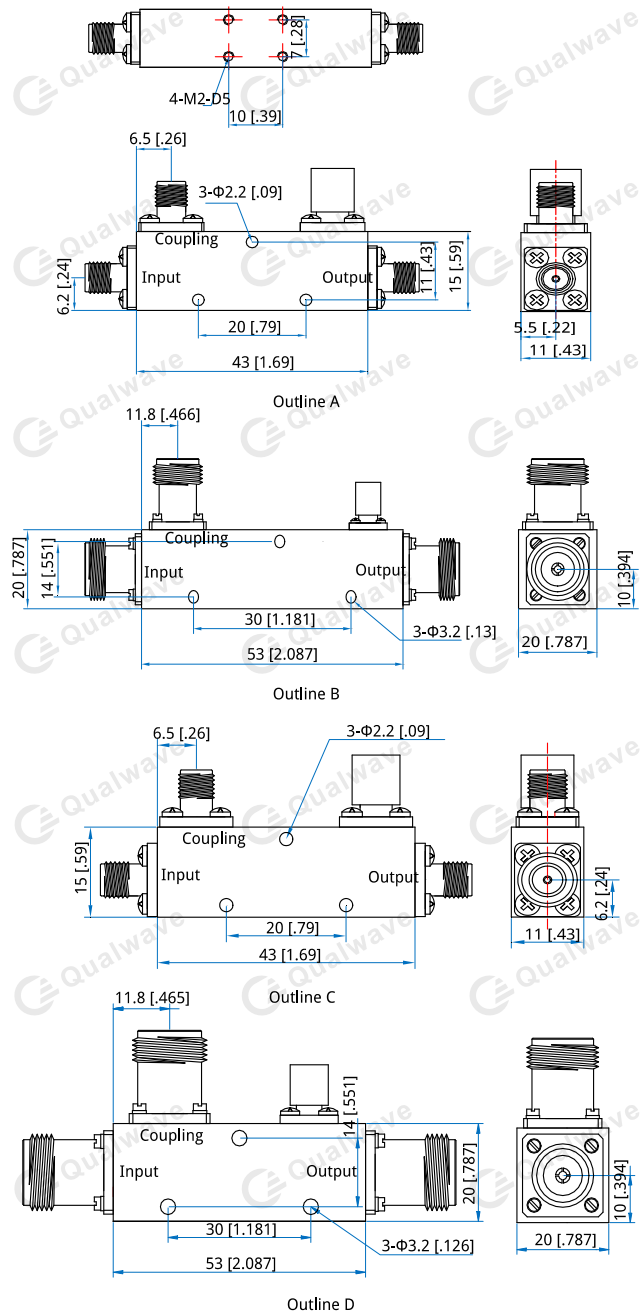
S - SMA Female (Outline A, C)  
 N - N Female (Outline B, D)

Examples:

To order a single directional coupler, 2~4GHz, 50W, 10dB, SMA, specify QSDC-2000-4000-50-10-S.

Customization is available upon request.

### Outline Drawings



Unit: mm [in] Tolerance: ±0.5mm [±0.02in]