

## QSDC-2000-4000-50

### 2~4GHz, 50W

Features:  
 \* Broadband  
 \* Low Insertion Loss

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

### Electrical

Frequency: 2~4GHz  
 Directivity: 18dB min.  
 Impedance: 50Ω  
 Average Power: 50W

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Coupling Flatness (dB max.)	Connectors
10±1	1.0	1.25	±1.0	SMA Female
20±1	0.5	1.25	±1.0	
30±1	0.4	1.25	±1.0	
20±1	0.4	1.2	±1.0	N Female
30±0.8	0.5	1.25	-	

### Mechanical

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

### Environmental

Temperature: -45~+85°C

### How To Order

QSDC-2000-4000-50-X-Y

X: Coupling: 10, 20, 30

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A)

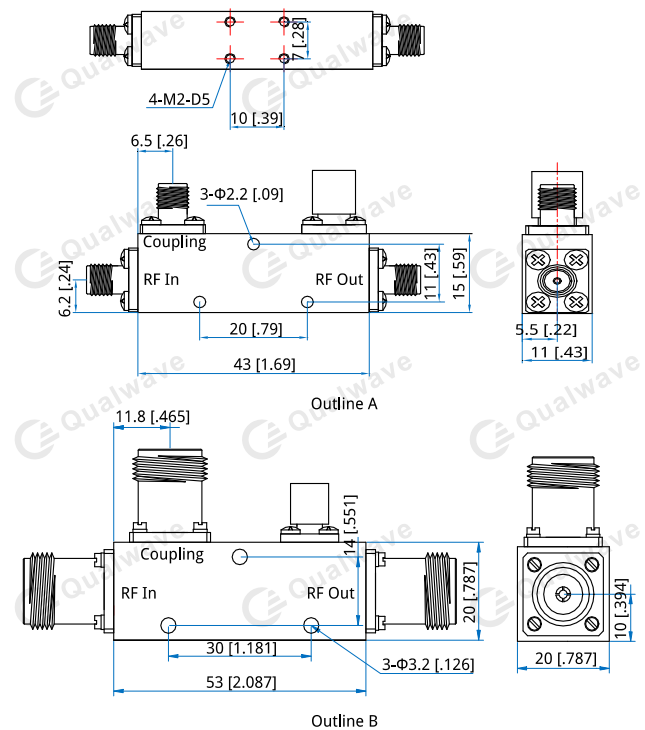
N - N Female (Outline B)

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: ±0.3mm [±0.012in]