

## QSDC-600-6000-50

### 0.6~6GHz, 50W

Features:  
 \* Broadband  
 \* Low Insertion Loss

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

### Electrical

Frequency: 0.6~6GHz  
 Impedance: 50Ω  
 Average Power: 50W

Coupling (dB)	Insertion Loss (dB)	Coupling Flatness (±dB max.)	Directivity (dB min.)	VSWR (max.)
10±1	1.0	±1.0	15	1.3
20±1.2	0.8	±0.9	18	1.3
30±1	0.5	±1.0	15	1.3

### Mechanical

Connectors: SMA Female  
 Mounting: 4-Φ2.8mm through-hole (10dB)  
 4-Φ2.3mm through-hole (20, 30dB)

### Environmental

Temperature: -45~+85°C

### How To Order

**QSDC-600-6000-50-X-Y**

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

Connector naming rules:

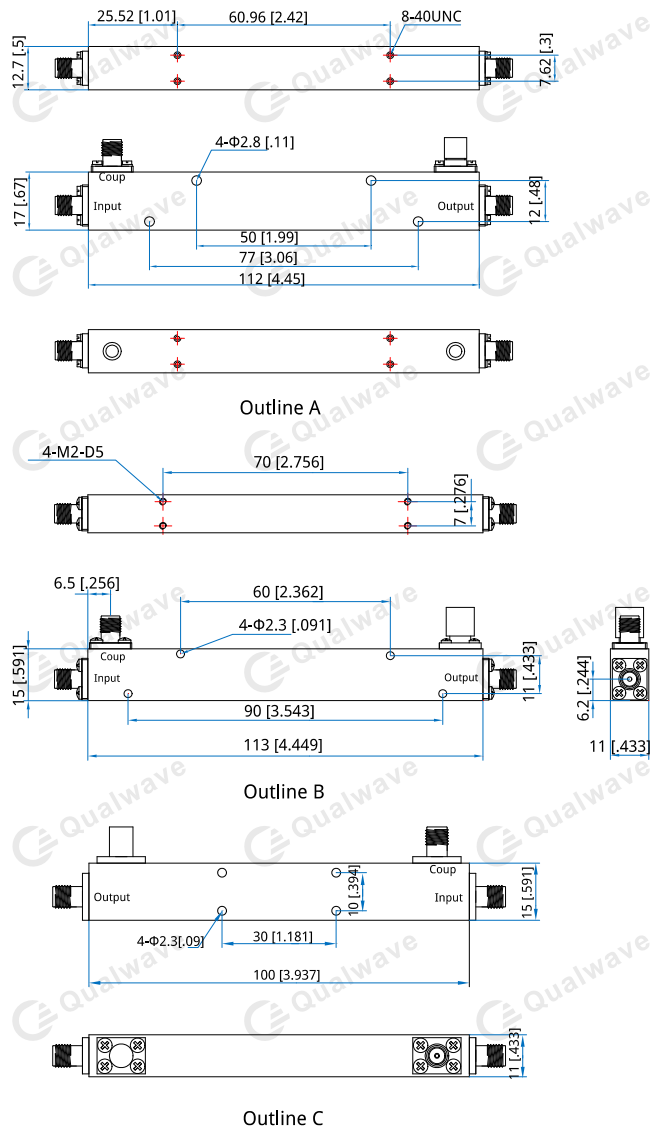
S - SMA Female (Outline A, Outline B, Outline C)

Examples:

To order a single directional coupler, 0.6~6GHz, 50W, 10dB, SMA, specify QSDC-600-6000-50-10-S.

Customization is available upon request.

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]