

## QDDC-1000-6000-50

### 1~6GHz, 50W

Features:  
\* Low Insertion Loss

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

#### Electrical

Frequency:	1~6GHz
Insertion Loss:	2dB max. 0.5dB max. (N)
VSWR:	1.3 max.
Directivity:	18dB min. 16dB min. (N)
Coupling:	10±1, 40±1.2dB
Average Power:	50W
Impedance:	50Ω

#### Mechanical

Connectors:	SMA Female, N Female
Mounting:	4-Φ2.3mm through-hole 4-Φ2.8mm through-hole

[1] Exclude connectors and termination

#### Environmental

Temperature: -45~+85°C

#### How To Order

##### QDDC-1000-6000-50-X-Y

X: Coupling:

10 - Outline A, Outline B

40 - Outline C

Y: Connector type

Connector naming rules:

S- SMA female (Outline A)

N- N female (Outline C)

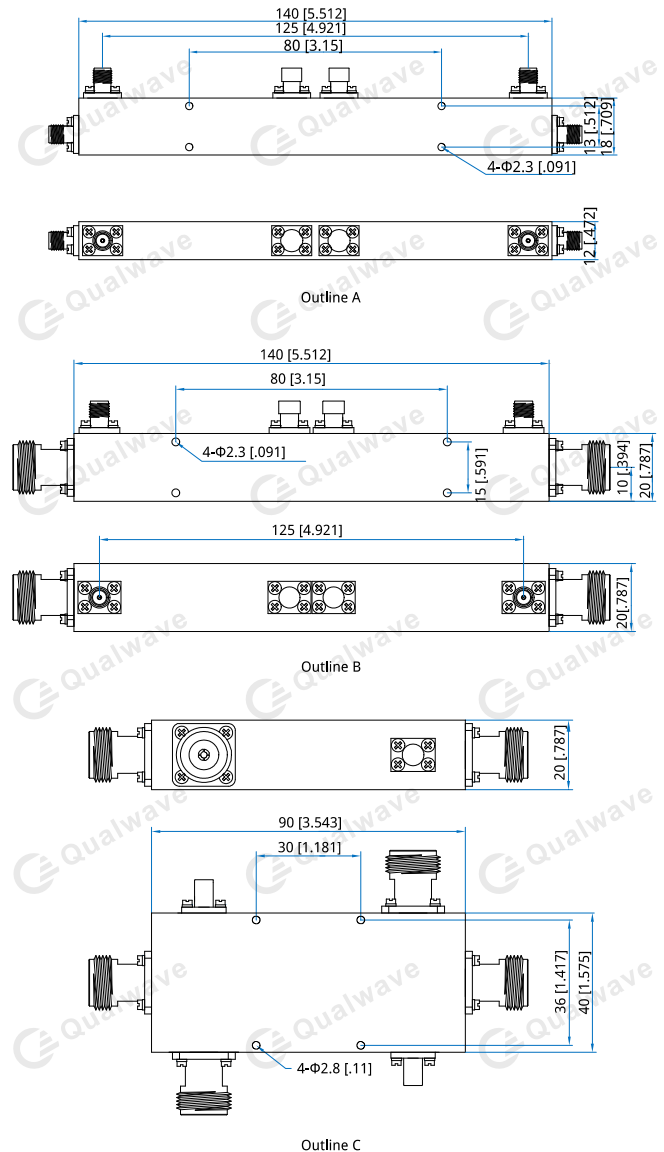
NS- N female & SMA female (Outline B)

Examples:

To order a dual directional coupler, 1~6GHz, 50W, 10dB, N female & SMA female, specify QDDC-1000-6000-50-10-NS.

Customization is available upon request.

#### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]