

## QDDC-300-6000-K12

### 0.3~6GHz, 120W

Features:  
 \* Broadband  
 \* Low Insertion Loss

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

#### Electrical

Frequency:	0.3~6GHz
Directivity:	14dB min.
Impedance:	50Ω
Average Power:	120W
Peak Power:	3000W

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Coupling Flatness (±dB max.)
30±1.1	0.8	1.4	1.7
40±1.1	0.8	1.4	1.7

#### Mechanical

Size*1:	225.9*30*25mm 8.894*1.181*0.984in
RF Connectors:	N Female
Coupling Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors.

#### How To Order

**QDDC-300-6000-K12-X-Y**

X: Coupling (30dB, 40dB)

Y: Connector type

Connector naming rules:

NS - N female & SMA female

Examples:

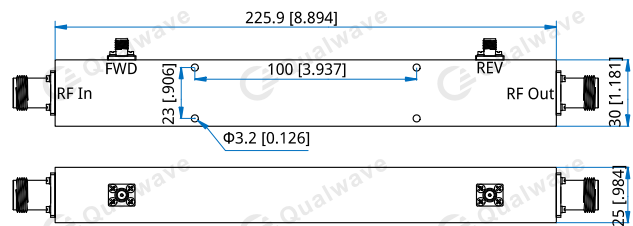
To order a dual directional coupler, 0.3~6GHz, 120W, 40dB, N female & SMA female, specify QDDC-300-6000-K12-40-NS.

Customization is available upon request.

#### Environmental

Operation Temperature: -55~+85°C

#### Outline Drawings



Unit: mm [in]

Tolerance: ±0.3mm [±0.012in]