

## QSDC-1000-8000-K12

### 1~8GHz, 120W

**Features:**

- \* Broadband
- \* Low Insertion Loss

**Applications:**

- \* Amplifiers
- \* Transmitter
- \* Laboratory Test
- \* Radar

**Electrical**

Frequency:	1~8GHz
Directivity:	18dB min.
Impedance:	50Ω
Average Power:	120W max.
Peak Power:	3000W max.

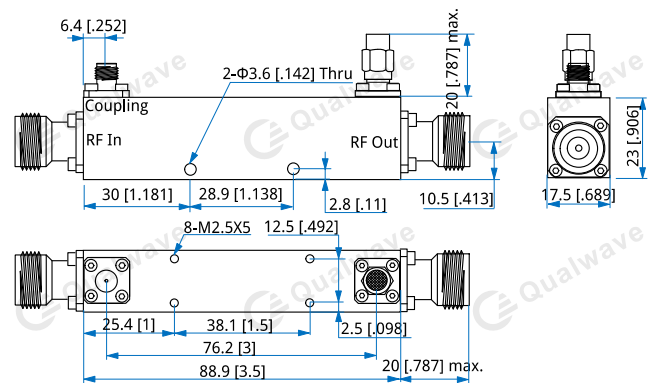
Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Coupling Flatness (±dB max.)
30±0.8	0.6	1.3	0.5
40±0.8	0.6	1.3	0.5

**Mechanical**

RF Connectors:	N Female
Coupling Connectors:	SMA Female
Mounting:	2-Φ3.6mm through-hole

**Environmental**

Operation Temperature:	-55~+85°C
Non-operation Temperature:	-55~+100°C

**Outline Drawings**


Unit: mm [in]

Tolerance: .x±0.5mm [±0.02in], .xx±0.1mm [±0.004in]

**How To Order**

**QSDC-1000-8000-K12-X-Y**

X: Coupling (30, 40dB)

Y: Connector type

Connector naming rules:

NS - N female & SMA female

Examples:

To order a single directional coupler, 1~8GHz, 120W, 30dB, N female & SMA female, specify QSDC-1000-8000-K12-30-NS.

Customization is available upon request.