

## FSDC-1000-8000-K25

### 1~8GHz, 250W

#### Features:

- \* Broadband
- \* Low Insertion Loss

#### Applications:

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

#### Electrical

Frequency:	1~8GHz
Directivity:	14dB min.
Impedance:	50Ω
Average Power:	250W max.
Peak Power:	3000W max.

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Coupling Flatness (±dB max.)
30±0.8	0.4	1.4	0.9
40±0.8	0.4	1.4	0.9

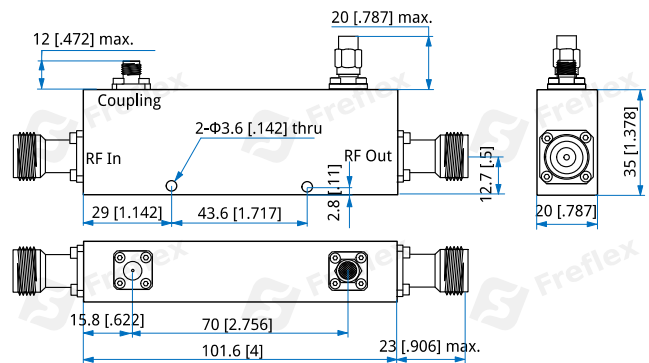
#### Mechanical

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

#### How To Order

**FSDC-1000-8000-K25-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, 250W, 30dB, N female & SMA female, specify FSDC-1000-8000-K25-30-NS.

Customization is available upon request.