

## FSDC-300-8000-K4

0.3~8GHz, 400W

### Features:

- \* Broadband
- \* Low Insertion Loss

### Applications:

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

### Electrical

Frequency:	0.3~8GHz
Directivity:	14dB min.
Impedance:	50Ω
Average Power:	400W max.
Peak Power:	3000W max.

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Coupling Flatness (±dB max.)
30±1	0.7	1.4	1.3
40±1.1	0.7	1.4	1.4

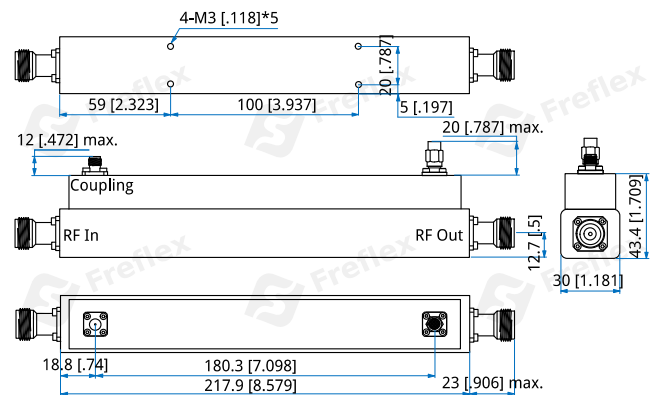
### Mechanical

RF Connectors:	N Female
Coupling Connectors:	SMA Female
Mounting:	4-M3mm Depth 5mm

### 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

**FSDC-300-8000-K4-X-Y**

X: Coupling (30, 40dB)

Y: Connector type

Connector naming rules:

NS - N female & SMA female

Examples:

To order a single directional coupler, 0.3~8GHz, 400W, 30dB, N female & SMA female, specify FSDC-300-8000-K4-30-NS.

Customization is available upon request.