

## FSDC-500-8000-K6

0.5~8GHz, 600W

### Features:

- \* Broadband
- \* Low Insertion Loss

### Applications:

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

### Electrical

Frequency: 0.5~8GHz  
 Impedance: 50Ω  
 Average Power: 600W max.

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Coupling Flatness (dB max.)	Directivity (dB min.)
30±0.8	0.7	1.4	±1.1	14
40±0.9	0.7	1.4	±1.2	14

### Mechanical

RF Connectors: N Female  
 Coupling Connectors: SMA Female  
 Mounting: 4-M3\*5

### Environmental

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

### How To Order

**FSDC-500-8000-K6-X-Y**

X: Coupling:

30, 40dB - Outline A

Y: Connector type

Connector naming rules:

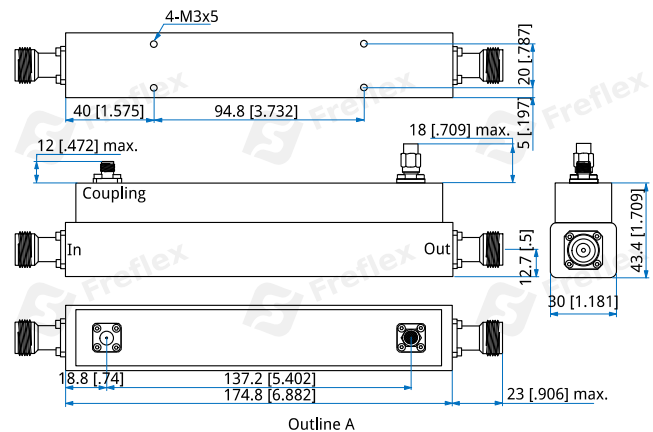
NS - N Female & SMA Female

Examples:

To order a single directional coupler, 0.5~8GHz, 600W, 30dB, N Female & SMA Female, specify FSDC-500-8000-K6-30-NS.

Customization is available upon request.

### Outline Drawings



Unit: mm [in]

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