

## FSDC-100-8000-10-6-S

0.1~8GHz, 10W, 6dB

### Features:

- \* Broadband
- \* Low Insertion Loss

### Applications:

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

### Electrical

Frequency:	0.1~8GHz
Insertion Loss <sup>*1</sup> :	2.4dB max.
VSWR:	1.3 max.
Directivity:	20dB min.
Impedance:	50Ω
Average Power:	10W max.

[1] Includes theoretical interpolation loss

Frequency(GHz)	Coupling (dB)	Coupling Flatness (dB max.)
0.1~0.3	11±1.2	±5
0.3~8	6±0.8	±1

### Mechanical

Size<sup>\*2</sup>: 178\*15.4\*23  
7.008\*0.606\*0.906

Connectors: SMA Female

[2] Exclude connectors and terminations.

### How To Order

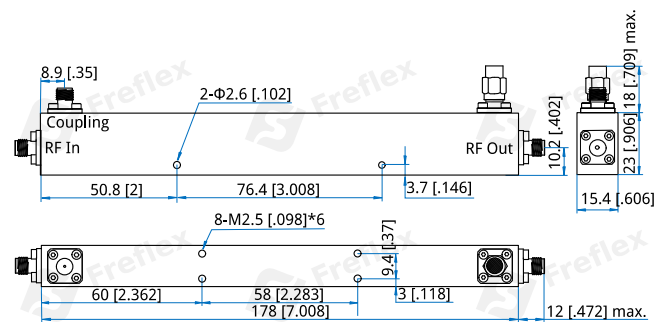
**FSDC-100-8000-10-6-S**

Customization is available upon request.

### Environmental

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

### Outline Drawings



Unit: mm [in]

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