

## FSDC-10-1000-K2

0.01~1GHz, 200W, 40dB

Features:  
\* Low Insertion Loss

Applications:  
\* Amplifiers  
\* Transmitter  
\* Laboratory Test  
\* Radar

### Electrical

Frequency:	0.01~1GHz
Insertion Loss:	0.45dB max.
VSWR (Mainline):	1.2 max.
VSWR (Coupling):	1.35 max.
Directivity:	20dB min.
Coupling:	40±1dB
Average Power:	200W
Impedance:	50Ω

### Mechanical

Size <sup>*1</sup> :	50.8*50.8*22.35mm 2*2*0.88in
Connectors:	N female, SMA female
Mounting:	2-Φ3.2mm through-hole

[1] Exclude connectors and termination

### Environmental

Operating Temperature:	-40~+85°C
Non-operating Temperature:	-55~+100°C

### How To Order

**FSDC-10-1000-K2-X-Y**

X: Coupling

Y: Connector type

Connector naming rules:

N - N female (Outline A)

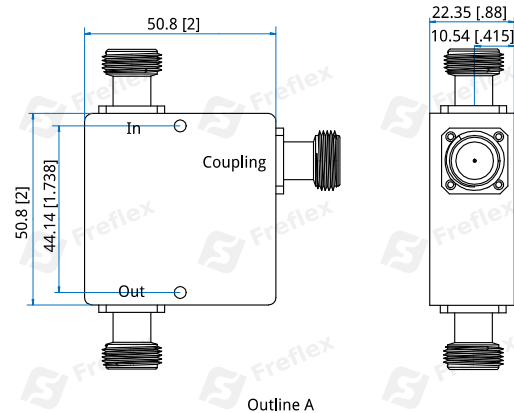
NS - N female & SMA female (Outline B)

Examples:

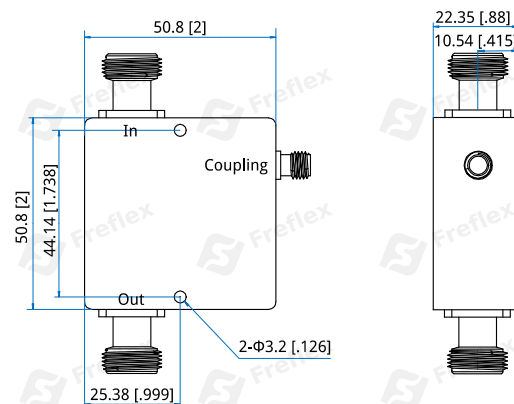
To order a Single directional coupler, 0.1~1000MHz, 200W, 40dB, N female & SMA female, specify QDDC-10-1000-K2-40-NS.

Customization is available upon request.

### Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ±0.3mm [±0.012in]