

FDDC-10-512-K2

0.01~0.512GHz, 200W

Features:

* Low Insertion Loss

Applications:

* Amplifiers
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	0.01~0.512GHz
Insertion Loss:	0.7dB max.
Coupling:	30±1dB
Directivity:	20dB min.
VSWR (Mainline):	1.15 max.
VSWR (Coupling):	1.5 max.
Average Power:	200W

Mechanical

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

[1] Exclude connectors

Environmental

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

How To Order

FDDC-10-512-K2-X-Y

X: Coupling: 30

Y: Connector type

Connector naming rules:

N - N female (Outline A)

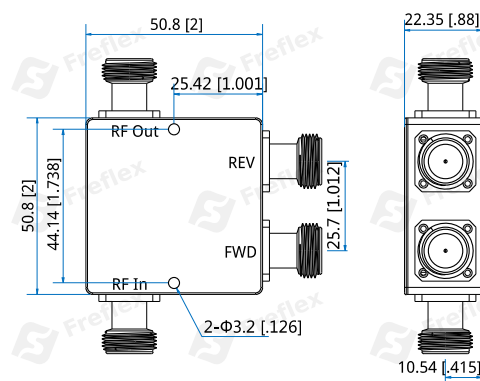
NS- N female & SMA female (Outline B)

Examples:

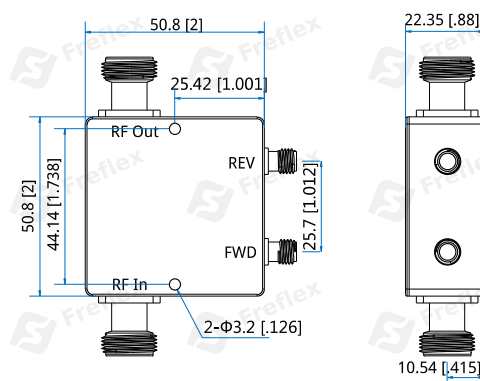
To order a dual directional coupler, 0.1~512MHz, 200W, 30dB, N female & SMA female, specify FDDC-10-512-K2-30-NS.

Customization is available upon request.

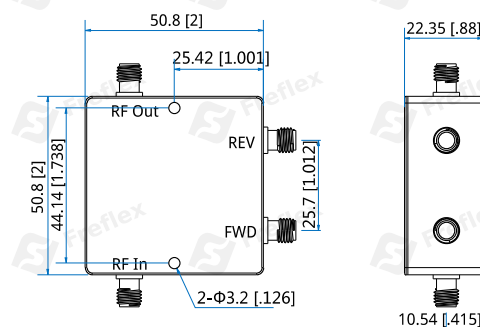
Outline Drawings



Outline A



Outline B



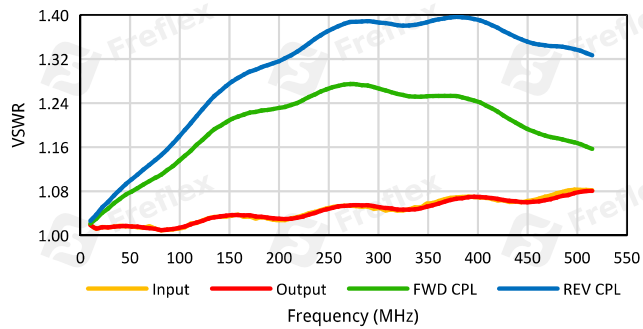
Outline C

Unit: mm [in]

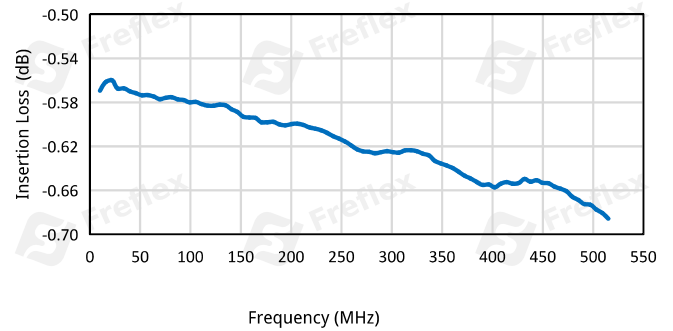
Tolerance: ±0.3mm [±0.012in]

Typical Performance Curves

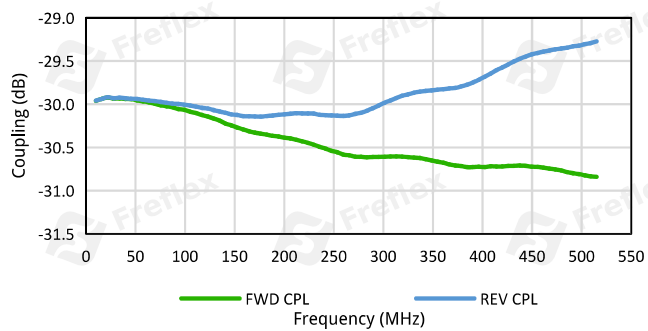
VSWR vs. Frequency



Insertion Loss vs. Frequency



Coupling vs. Frequency



Directivity vs. Frequency

