FSDC-80-1000-K2

0.08~1GHz, 200W

Features:
* Low Insertion Loss

Applications:
* Amplifiers
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	0.08~1GHz
Average Power:	200W
Impedance:	50Ω

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Coupling Flatness (dB max.)	Directivity (dB min.)
40±1.8	0.2	1.1 (Mainline) 1.8 (Coupling)	±1.8	25
50±1.5	0.2	1.1	±1.5	23
60±1.5	0.2	1.1	±1.5	23

Mechanical

Size[*1]:	66*54*26mm 2.598*2.126*1.024in
RF Connectors:	N Female
Coupling Connectors:	N Female, SMA Female
Mounting:	4-Φ5mm through-hole

[1] Exclude connectors.

How To Order

FSDC-80-1000-K2-X-Y

X: Coupling: (40, 50, 60dB - Outline A, B)

Y: Connector type

Connector naming rules:

NS - N Female & SMA Female (Outline A)

N - N Female (Outline B)

Examples:

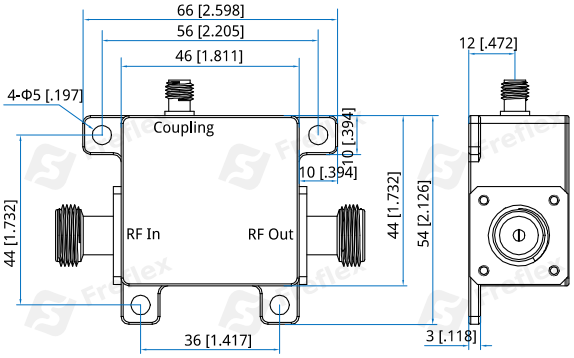
To order a single directional coupler, 0.08~1GHz, 200W, 60dB, N Female & SMA Female, specify FSDC-80-1000-K2-60-NS.

Customization is available upon request.

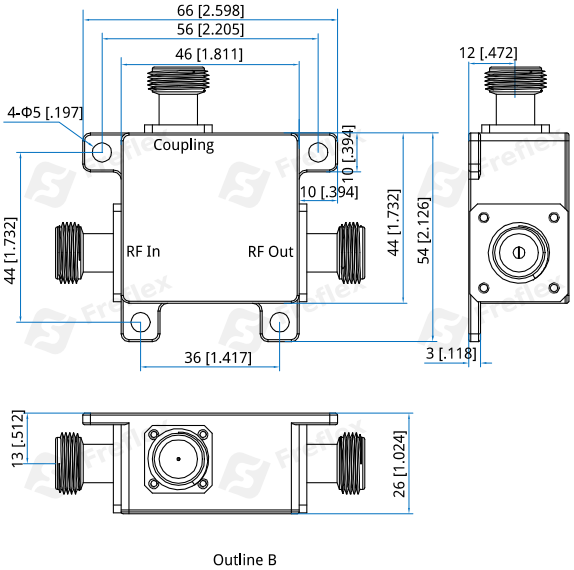
Environmental

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

Outline Drawings



Outline A

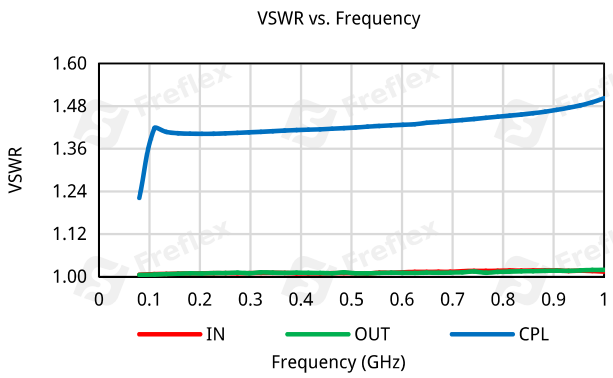


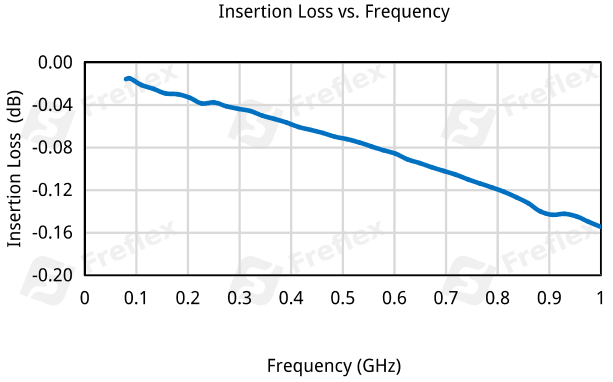
Outline B

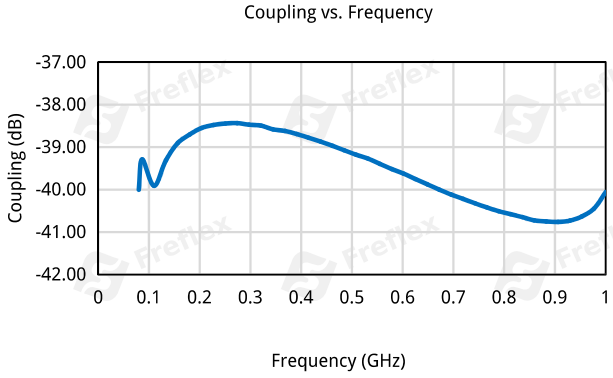
Unit: mm [in] Tolerance: ±0.5mm [±0.02in]

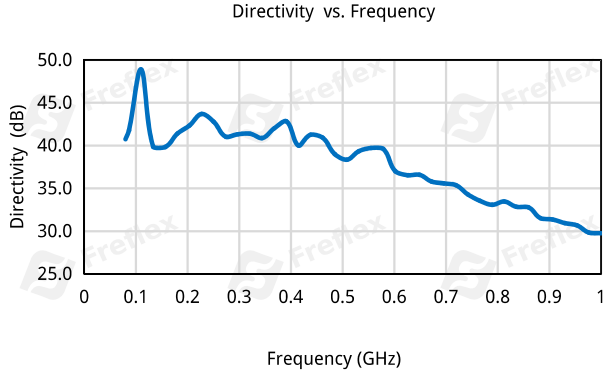
Typical Performance Curves

40dB

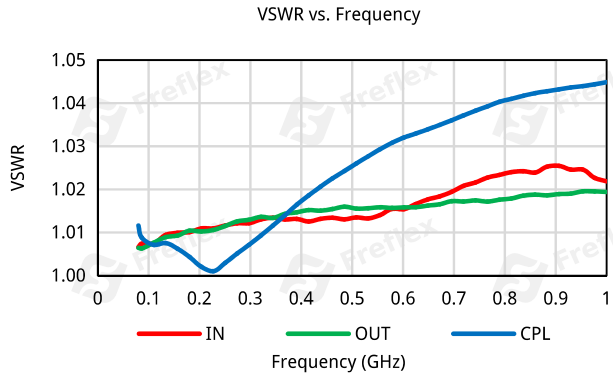


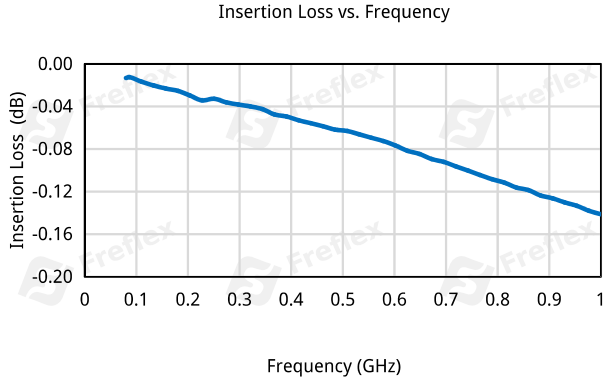


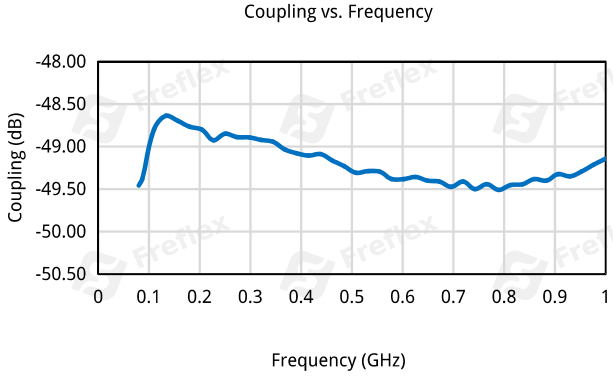


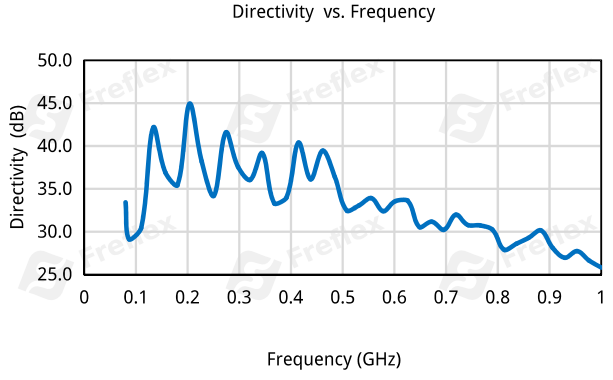


50dB



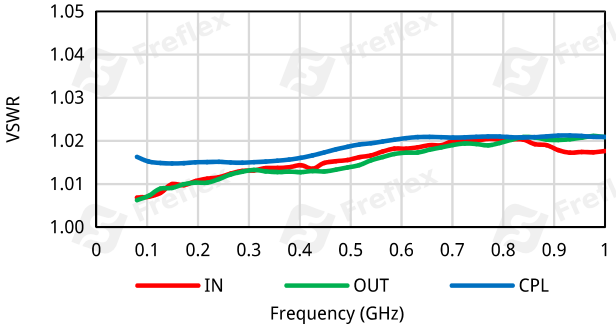




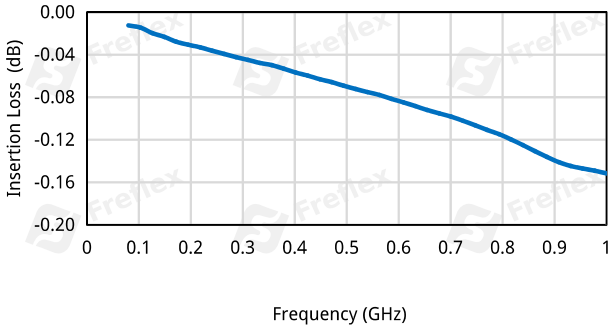


60dB

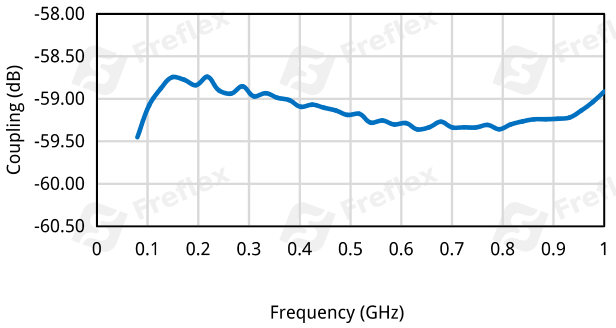
VSWR vs. Frequency



Insertion Loss vs. Frequency



Coupling vs. Frequency



Directivity vs. Frequency