

FSDC-80-1000-1K

0.08~1GHz, 1000W

Features:

- * Broadband
- * Low Insertion Loss

Applications:

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



Electrical

Frequency:	0.08~1GHz
Coupling:	50±1.5, 60±1.5dB
Coupling Flatness:	±1.5dB max.
VSWR (Mainline):	1.15 max.
VSWR (Coupling):	1.4 max.
Insertion Loss:	0.2dB max.
Directivity:	20dB typ.
Average Power:	1000W

Mechanical

Size ^{*1} :	70*52*26mm 2.756*2.047*1.024in
RF Connectors:	N female
Coupling Connectors:	SMA female, N female
Mounting:	4-Φ5mm through-hole

[1] Exclude connectors and mounting holes.

Environmental

Temperature:	-55~+85°C
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How To Order

FSDC-80-1000-1K-X-Y

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

Y: Connector type

Connector naming rules:

NS - N Female & SMA Female (Outline A)

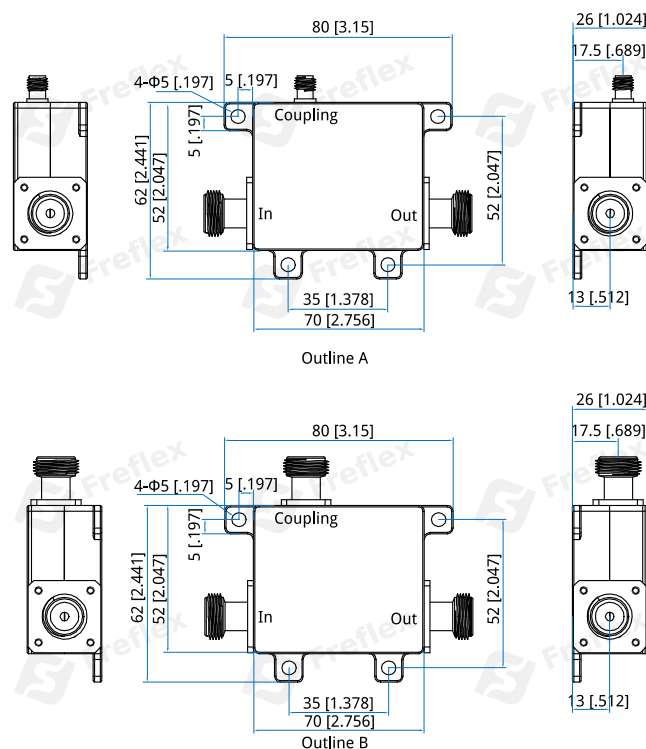
N - N Female (Outline B)

Examples:

To order a single directional coupler, 0.08~1GHz, 1000W, 50dB, N Female & SMA Female, specify FSDC-80-1000-1K-50-NS.

Customization is available upon request.

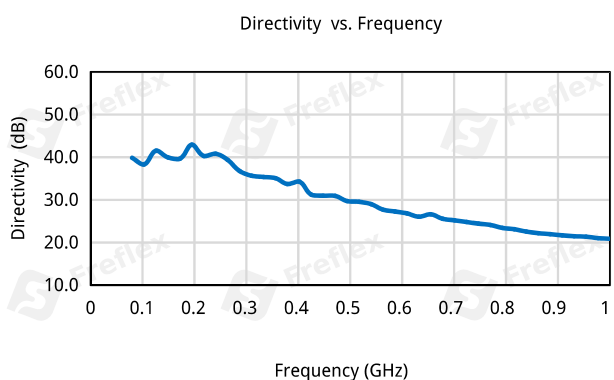
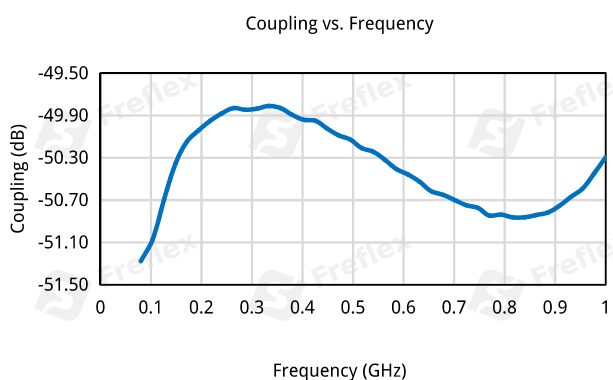
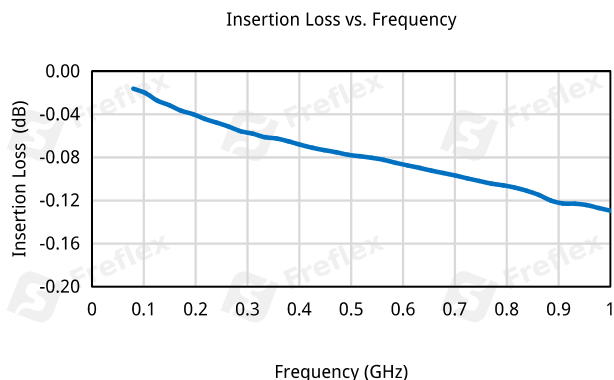
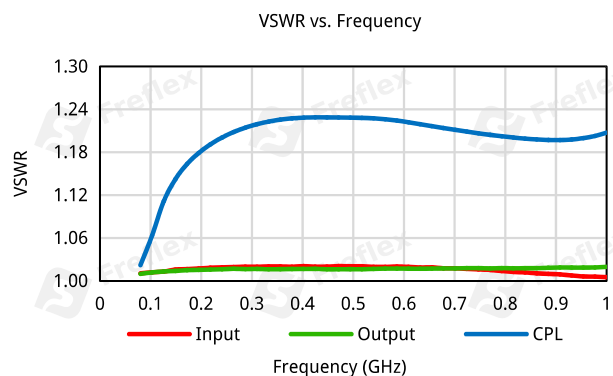
Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Typical Performance Curves 50dB



60dB

