

FSDC-20-1000-K2

0.02~1GHz, 200W

Features:
* Low Insertion Loss

Applications:
* Amplifiers
* Transmitter
* Laboratory Test
* Radar



Electrical

Frequency: 0.02~1GHz
Coupling: 50±1.5dB
Coupling Flatness: ±1.5dB typ.
Insertion Loss: 0.25dB max.
VSWR (Mainline): 1.1 typ.
VSWR (Coupling): 1.5 typ.
Directivity: 20dB min.
Average Power: 200W
Impedance: 50Ω

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.

Environmental

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

How To Order

FSDC-20-1000-K2-X-Y

X: Coupling (50 - Outline A, B)

Y: Connector type

Connector naming rules:

NS - N Female & SMA Female (Outline A)

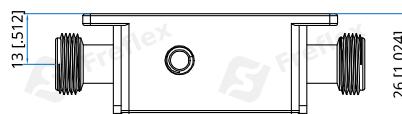
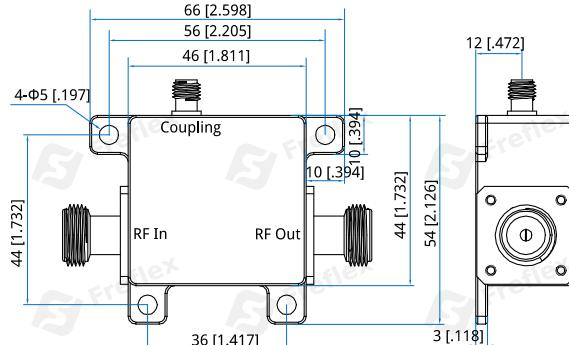
N - N Female (Outline B)

Examples:

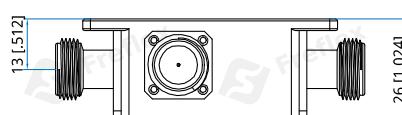
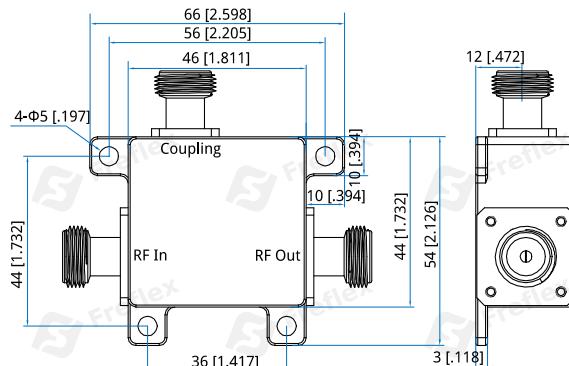
To order a single directional coupler, 0.02~1GHz, 200W, 50dB, N Female & SMA Female, specify FSDC-20-1000-K2-50-NS.

Customization is available upon request.

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

Typical Performance Curves
