

FSDC-500-18000-30

0.5~18GHz, 30W

Features:

- * Broadband
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	0.5~18GHz
Coupling Flatness:	±1dB max.
Average Power:	30W
Impedance:	50Ω

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Directivity (dB min.)	Outline Drawings
6±0.8	2.6	1.5	14	Outline A
10±1	1.8	1.6	12	Outline B
20±1.2	1.5	1.6	12	Outline B
20±1.5	1.2	1.5	12	Outline C
30±1.5	1.0	1.5	12	Outline C

Mechanical

Connectors: SMA, N

Environmental

Operation Temperature: -55~+85°C (Outline A)
-45~+85°C

Non-operation Temperature: -55~+100°C (Outline A)

How To Order

FSDC-500-18000-30-X-Y

X: Coupling: (6±0.8dB - Outline A, 10±1, 20±1.2dB - Outline B, 20±1.5, 30±1.5dB - Outline C)

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A, C)

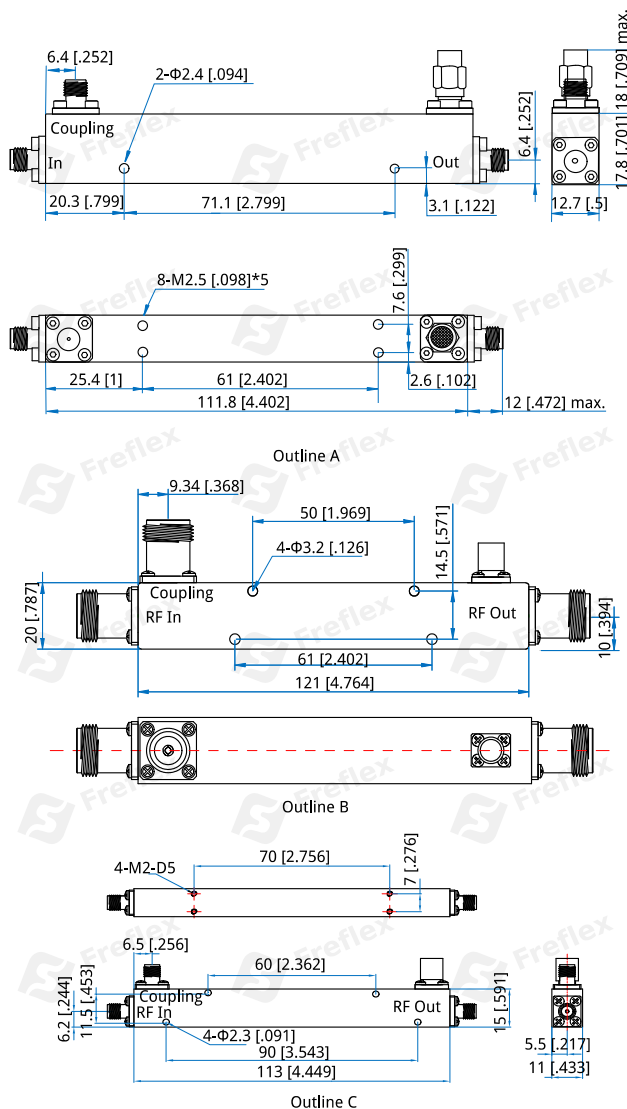
N - N Female (Outline B)

Examples:

To order a single directional coupler, 0.5~18GHz, 30W, 6dB, SMA Female, specify FSDC-500-18000-30-6-S.

Customization is available upon request.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]