

FDDC-1000-26500-30

1~26.5GHz, 30W

Features:

- * Broadband
- * Low Insertion Loss

Applications:

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

Electrical

Frequency: 1~26.5GHz

Impedance: 50Ω

Average Power^{*1}: 30W max. CW

[1] The power needs to meet the matching VSWR not exceeding 1.2.

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Coupling Flatness (±dB max.)	Directivity (dB min.)
10±0.8	3.1 ^{*2}	1.6	1	14
20±0.8	1.3	1.6	0.8	12
30±0.8	1.2	1.6	0.8	12

[2] Including theoretical loss 0.92dB.

Mechanical

Connectors: SMA Female

Environmental

Operation Temperature: -55~+85°C

Non-operation Temperature: -55~+100°C

How To Order

FDDC-1000-26500-30-X-Y

X: Coupling (20, 30dB - Outline A, 10dB - Outline B)

Y: Connector type

Connector naming rules:

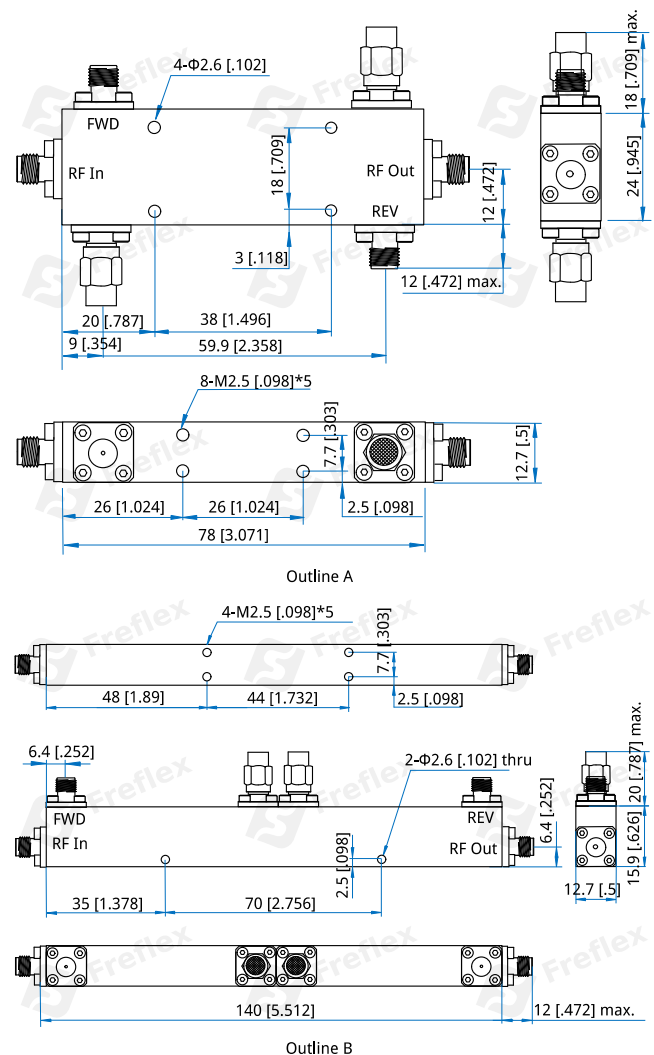
S - SMA female (Outline A, B)

Examples:

To order a dual directional coupler, 1~26.5GHz, 30W, 20dB, SMA female, specify FDDC-1000-26500-30-20-S.

Customization is available upon request.

Outline Drawings



Unit: mm [in]

Tolerance: x.±1mm [±0.039in], .x±0.5mm [±0.02in], .xx±0.1mm [±0.004in]