

FDDC-500-18000-30

0.5~18GHz, 30W

Features:

* Low Insertion Loss

Applications:

* Amplifiers
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency: 0.5~18GHz
Power*1: 30W CW max.
Peak Power: 3000W max.
Impedance: 50Ω

[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±0.7	3.3	1.5 (Mainline)	1	15
		1.5 (Coupling)		
20±0.8	1.5	1.5 (Mainline)	0.9	14
		1.5 (Coupling)		
30±0.8	1.4	1.5 (Mainline)	0.9	14
		1.5 (Coupling)		

Mechanical

Connectors: SMA female

How To Order

FDDC-500-18000-30-X-Y

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

Y: Connector type

Connector naming rules:

S - SMA Female (Outline A, B)

Examples:

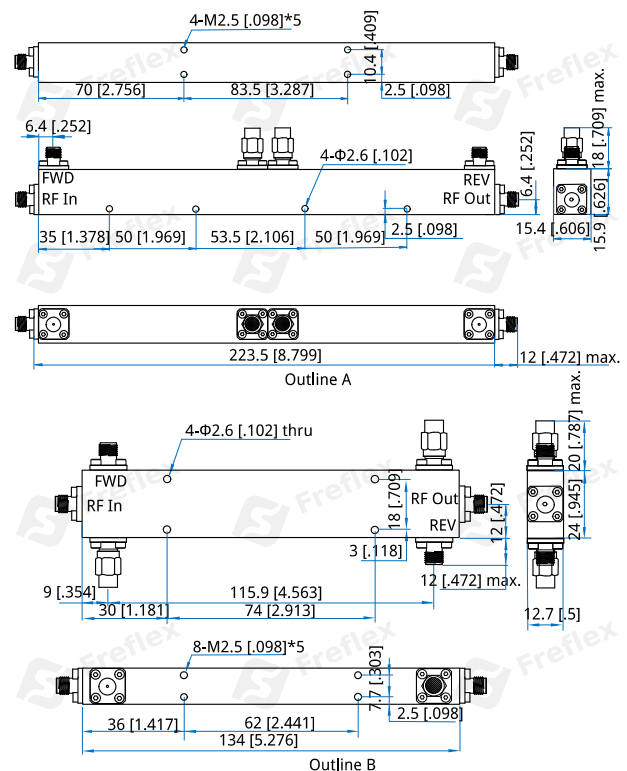
To order a dual directional coupler, 0.5~18GHz, 30W, 20dB, SMA Female, specify FDDC-500-18000-30-20-S.

Customization is available upon request.

Environmental

Operation Temperature: -55~+85°C
Non-operation Temperature: -55~+100°C

Outline Drawings



Unit: mm [in]

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