

FSDC-500-18000-50

0.5~18GHz, 50W

Features:

- * Broadband
- * Low Insertion Loss

Applications:

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

Electrical

Frequency: 0.5~18GHz
Average Power: 50W max.
Impedance: 50Ω

Mechanical

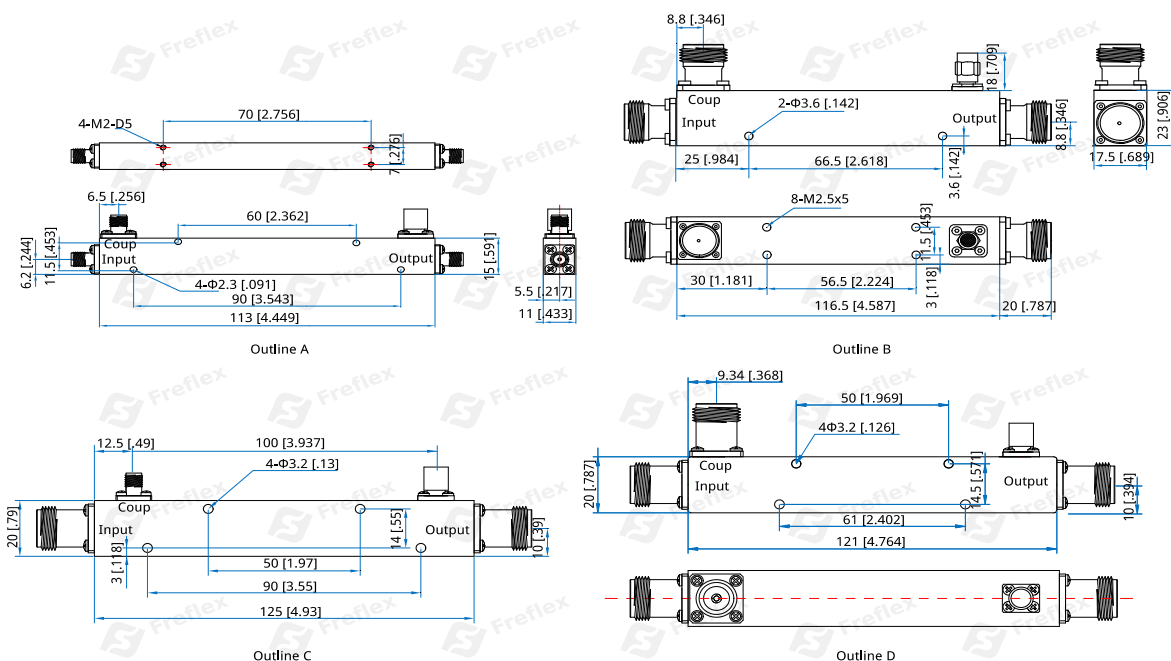
Connectors: SMA, N

Environmental

Operating Temperature: -40~+85°C

Coupling (dB)	Insertion Loss (dB max.)	Coupling Flatness (±dB max.)	Directivity (dB min.)	VSWR (max.)	Connectors	Outline Drawings
10±1	1.5	±1.0	15@0.5~12.4GHz 12@12.4~18GHz	1.5	SMA Female	Outline A
20±1	1.5	±1.5	10	1.6		
30±1.5	1.6	±1.0				
10±1	1.8	±1.0	10	1.5	N Female	Outline D
20±0.6	1.0	±0.7	15	1.4		Outline B
30±1.8	0.7	±1.5	10	1.5	N&SMA Female	Outline C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

FSDC-500-18000-50-X-Y

X: Coupling: 10, 20, 30

Y: Connector type

Connector naming rules:

S - SMA Female

N - N Female

NS - N Female and SMA Female

Examples:

To order a single directional coupler, 0.5~18GHz, 50W, 10dB, SMA, specify FSDC-500-18000-50-10-S.