

FSDC-2000-18000-50

2~18GHz, 50W

Features:

- * Broadband
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	2~18GHz
Directivity:	12dB min.
Average Power:	50W
Impedance:	50Ω

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Coupling Flatness (±dB max.)	Outline Drawings
20±1	0.8	1.5 (Mainline)	1.0	Outline A
20±1	0.5	1.5 (Mainline)	1.0	Outline B, C
40±1.5	0.7	1.5 (Mainline)	-	Outline D

Mechanical

Connectors:	SMA
Mounting:	3-Φ2.2mm through-hole

Environmental

Operating Temperature:	-45~+85°C
	-55~+85°C (Outline D)

How To Order

FSDC-2000-18000-50-X-Y

X: Coupling (20dB - Outline A, B, C, 40dB - Outline D)

Y: Connector type

Connector naming rules:

S - SMA female (Outline A, D)

SMS - SMA male & SMA female (Outline B)

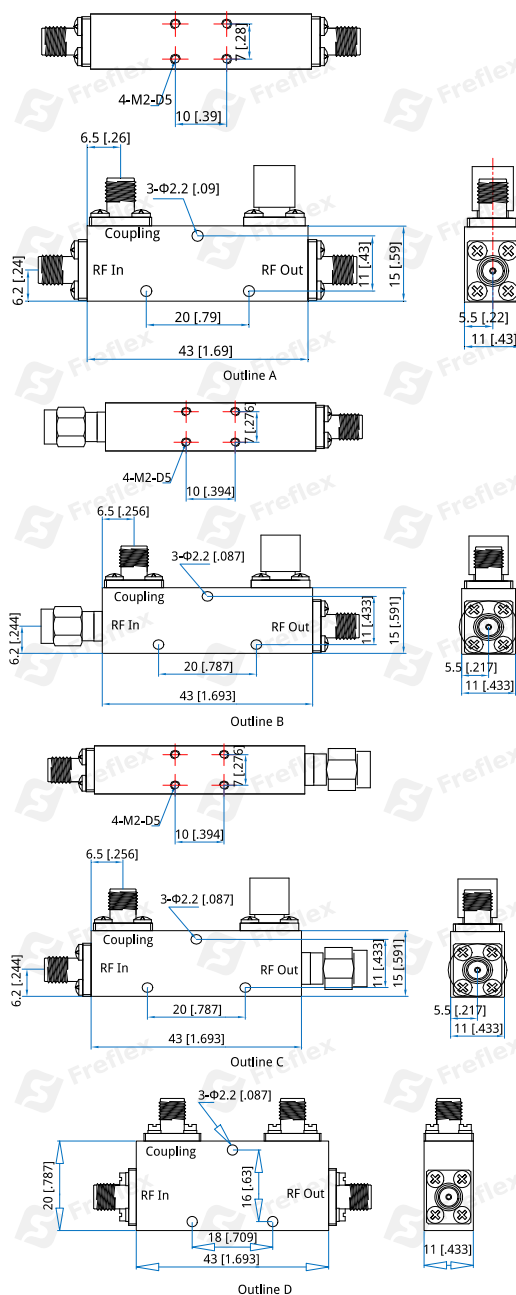
SSM - SMA female & SMA male (Outline C)

Examples:

To order a single directional coupler, 2~18GHz, 50W, 20dB, SMA female, specify FSDC-2000-18000-50-20-S.

Customization is available upon request.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]