

FSDC-6000-50000-20

Features:

- * Broadband
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	6~50GHz
Directivity:	8dB min. 10dB min. @20dB
Impedance:	50Ω
Average Power:	20W max.
Peak Power:	1000W max.

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Coupling Flatness (±dB max.)
10±0.8	1.9	1.8	0.8
13±0.8	1.7	1.8	0.8
16±0.8	1.6	1.8	0.8
20±1.2	1.2	1.8	1.0
30±0.8	1.5	1.8	1.0

Mechanical

Connectors: 2.4mm Female

Environmental

Operation Temperature:	-40~+85°C
Non-operation Temperature:	-55~+100°C

How To Order

FSDC-6000-50000-20-X-Y

X: Coupling (10, 13, 16, 20, 30dB)

Y: Connector type

Connector naming rules:

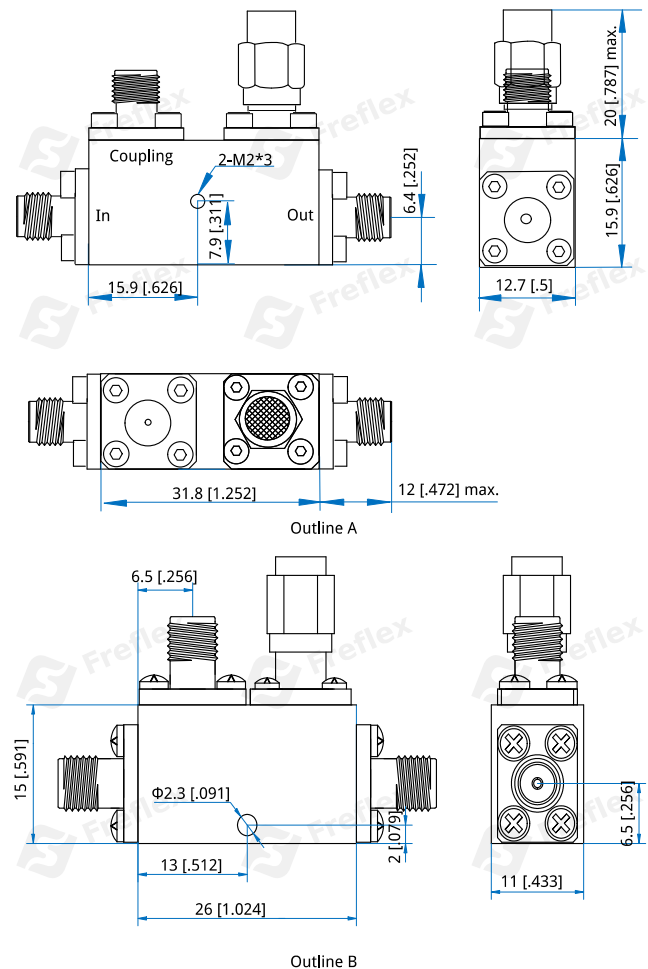
2 - 2.4mm female

Examples:

To order a single directional coupler, 6~50GHz, 20W, 30dB, 2.4mm female, specify FSDC-6000-50000-20-30-2.

Customization is available upon request.

Outline Drawings



Unit: mm [in]

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