

FSDC-10-67000-12-13-V

0.01~67GHz, 12W, 13dB

Features:

- * Broadband
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	0.01~67GHz
Electromagnetic Shielding:	100dB typ.
Average Power*1:	12W max.
Peak Power:	1000W max.
Impedance:	50Ω

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

Coupling (dB max.)	Frequency (GHz)	VSWR (max.)	Insertion Loss*2 (dB max.)	Directivity (dB min.)
56	0.01~1	1.2 (Mainline)	0.6	16
		1.2 (Coupling)		
13±2.5	1~20	1.35 (Mainline)	1.3	16
		1.4 (Coupling)		
13±2.5	20~50	1.45 (Mainline)	2.3	13
		1.5 (Coupling)		
13±2.5	50~67	1.5 (Mainline)	2.8	10
		1.6 (Coupling)		

[2] Excluding coupling loss.

Mechanical

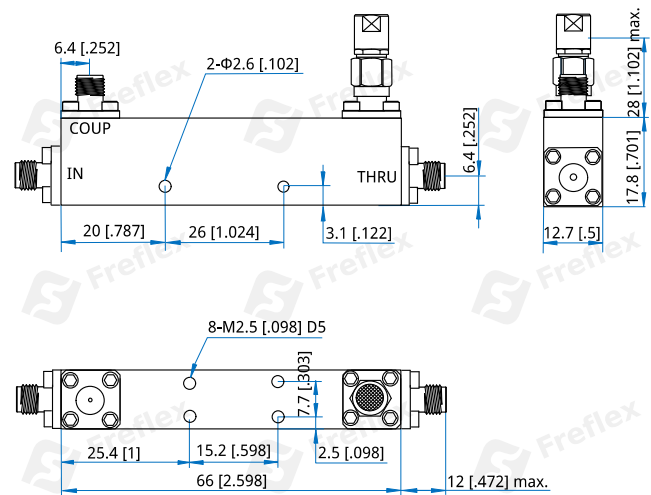
Size*3:	66*17.8*12.7mm 2.598*0.701*0.5in
Connectors:	1.85mm Female
Mounting:	2-Φ2.6mm through-hole 8-M2.5mm depth 5mm

[3] Exclude connectors.

Environmental

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

Outline Drawings



Outline A

Unit: mm [in]

Tolerance: ±1mm [±0.039in]

How To Order

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Customization is available upon request.