

FSDC-0-8500-30

0~8.5GHz, 30W

Features:

- * Broadband
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	0~8.5GHz
Coupling:	10±1.2dB, 20±1.2dB
VSWR (Mainline):	1.1 typ./1.3 max.
VSWR (Coupling):	1.1 typ./1.3 max.
Average Power:	30W
Peak Power:	3000W max.

Electrical (10dB)

Frequency (GHz)	Coupling (dB typ./max.)	Insertion Loss (dB typ./max.)	Directivity (dB typ./min.)
DC~0.3	25/-	0.2/0.7	25/-
0.3~0.5	12/-	0.5/0.9	
0.5~8.5	10/10±1.2	0.8/1.3	25/20

Electrical (20dB)

Frequency (GHz)	Coupling (dB typ./max.)	Insertion Loss (dB typ./max.)	Directivity (dB typ./min.)
DC~0.3	35/-	0.2/0.5	25/-
0.3~0.5	22/-	0.2/0.5	
0.5~8.5	20/20±1.2	0.4/0.8	25/20

Mechanical

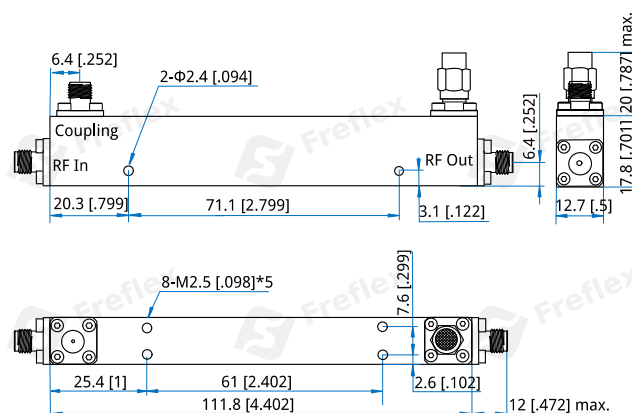
Size*1:	111.8*17.8*12.7mm 4.402*0.701*0.5in
Connectors:	SMA female
Mounting:	2-Φ2.4mm through-hole

[1] Exclude connectors and terminations.

Environmental

Operating Temperature:	-55~+85°C
Non-operating Temperature:	-55~+100°C

Outline Drawings



Unit: mm [in]

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

How To Order

FSDC-0-8500-30

Customization is available upon request.