

FSDC-300-50000-20

0.3~50GHz, 20W

Features:

- * Broadband
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	0.3~50GHz
Directivity:	8dB min.
Impedance:	50Ω
Average Power:	20W max.
Peak Power:	1000W max.

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Coupling Flatness (±dB max.)
10±1.4	5.2	1.8	1.7
13±1.4	5.0	1.8	1.7
16±1.4	4.9	1.8	1.7
20±1.4	4.8	1.8	1.7

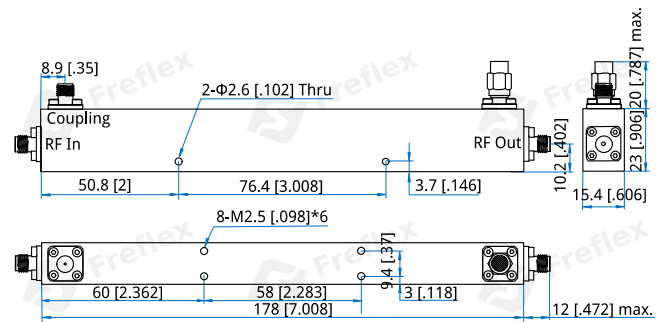
Mechanical

Connectors:	2.4mm Female
Mounting:	2-Φ2.6mm through-hole 8-M2.5*6

Environmental

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

Outline Drawings



Unit: mm [in]

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

How To Order

FSDC-300-50000-20-X-Y

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

Y: Connector type

Connector naming rules:

2 - 2.4mm female

Examples:

To order a single directional coupler, 0.3~50GHz, 20W, 10dB, 2.4mm female, specify FSDC-300-50000-20-10-2.

Customization is available upon request.