

FSDC-500-67000-12

0.5~67GHz, 12W

Features:

- * Broadband
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	0.5~67GHz
Directivity:	7dB min.
Impedance:	50Ω
Average Power:	12W max.
Peak Power:	1000W max.

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Coupling Flatness (±dB max.)
10±1.6	4.5	1.9	1.7
13±1.6	4.3	1.9	1.7
16±1.6	4.2	1.9	1.7
20±1.6	4.1	1.9	1.7

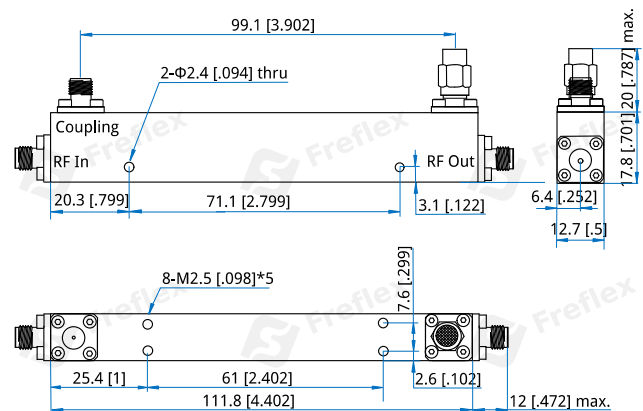
Mechanical

RF Connectors:	1.85mm Female
Coupling Connectors:	1.85mm Female
Mounting:	2-Φ2.4mm through-hole

Environmental

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

Outline Drawings



Unit: mm [in]

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

How To Order

FSDC-500-67000-12-X-Y

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

Y: Connector type

Connector naming rules:

V - 1.85mm female

Examples:

To order a single directional coupler, 0.5~67GHz, 12W, 20dB, 1.85mm female, specify FSDC-500-67000-12-20-V.

Customization is available upon request.