

FSDC-300-8000-K12

0.3~8GHz, 120W

Features:

- * Broadband
- * Low Insertion Loss

Applications:

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

Electrical

Frequency:	0.3~8GHz
Directivity:	14dB min.
Impedance:	50Ω
Average Power:	120W
Peak Power:	3000W

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Coupling Flatness (±dB max.)
30±1.1	0.8	1.4	1.7
40±1.1	0.8	1.4	1.7

Mechanical

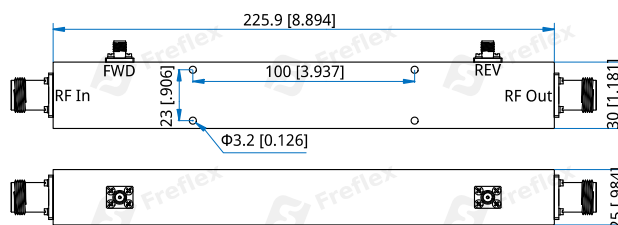
Size*1:	225.9*30*25mm 8.894*1.181*0.984in
RF Connectors:	N Female
Coupling Connectors:	SMA Female
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors and terminations.

Environmental

Operation Temperature:	-55~+85°C
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Outline Drawings



Unit: mm [in]

Tolerance: ±0.3mm [±0.012in]

How To Order

FSDC-300-8000-K12-X-Y

X: Coupling (30, 40dB)

Y: Connector type

Connector naming rules:

NS - N female & SMA female

Examples:

To order a single directional coupler, 0.3~8GHz, 120W, 30dB, N female & SMA female, specify FSDC-300-8000-K12-30-NS.

Customization is available upon request.