

FSDC-1000-50000-30

1~50GHz, 30W

Features:

- * Broadband
- * Low Insertion Loss

Applications:

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

Electrical

Frequency: 1~50GHz
 Impedance: 50Ω
 Average Power: 30W

Coupling (dB max.)	Insertion Loss* ¹ (dB max.)	VSWR (Mainline) (max.)	Coupling Flatness (±dB max.)	Directivity (dB min.)
10±2	2.8	1.7	1.0	10
20±2.5	2.6	1.7	1.0	10
30±2.0	2.2	1.7	2.0	8

[1] Excluding theoretical loss.

Mechanical

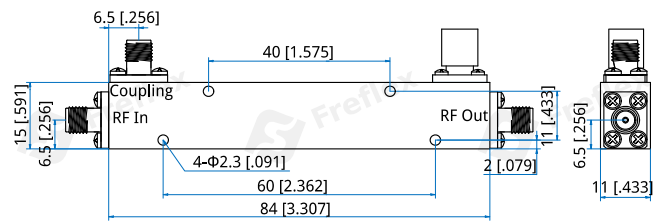
Size*²: 84*15*11mm
 3.31*0.59*0.433in
 Connectors: 2.4mm Female
 Mounting: 4-Φ2.3mm through-hole

[2] Exclude connectors and terminations.

Environmental

Operation Temperature: -40~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.3mm [±0.012in]

How To Order

FSDC-1000-50000-30-X-Y

X: Coupling(10, 20, 30dB)

Y: Connector type

Connector naming rules:

2 - 2.4mm Female

Examples:

To order a single directional coupler, 1~50GHz, 30W, 20dB, 2.4mm Female, specify FSDC-1000-50000-30-20-2.

Customization is available upon request.