

FDDC-300-6000-K4

0.3~6GHz, 400W

Features:

- * Broadband
- * Low Insertion Loss

Applications:

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

Electrical

Frequency: 0.3~6GHz
Power*¹: 400W CW max.
Peak Power: 3000W max.
Impedance: 50Ω

[1] The power needs to meet the matching VSWR not exceeding 1.2.

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Coupling Flatness (dB max.)	Directivity (dB min.)
30±0.9	0.7	1.4 (Mainline)	±1.5	15
		1.4 (Coupling)		
40±1	0.7	1.4 (Mainline)	±1.6	15
		1.4 (Coupling)		

Mechanical

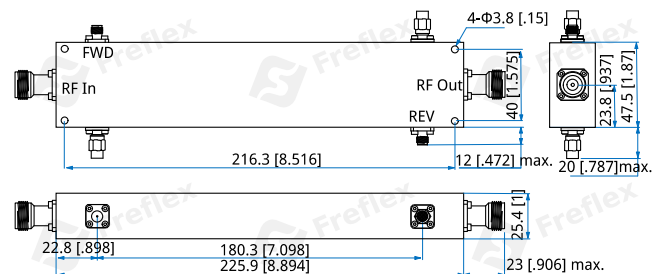
Size*²: 225.9*47.5*25.4mm
8.894*1.87*1in
RF Connectors: N Female
Coupling Connectors: SMA Female
Mounting: 4-Φ3.8mm through-hole

[2] Exclude connectors.

Environmental

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

FDDC-300-6000-K4-X-Y

X: Coupling (30dB, 40dB)

Y: Connector type

Connector naming rules:

NS - N female & SMA female

Examples:

To order a dual directional coupler, 0.3~6GHz, 400W, 40dB, N female & SMA female, specify FDDC-300-6000-K4-40-NS.

Customization is available upon request.