Freflex

Single Directional Coupler

FSDC-400-8000-K6

0.4~8GHz, 600W

Features:
* Broadband
* Low Insertion Loss

Applications:
* Amplifiers
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	0.4~8GHz
Impedance:	50Ω
Average Power:	600W max.

Coupling (dB)	Insertion Loss (dB max.)	VSWR (max.)	Coupling Flatness (dB max.)	Directivity (dB min.)
30±0.9	0.7	1.4	±1.3	14
40±1	0.7	1.4	±1.4	14

Mechanical

RF Connectors:	N Female
Coupling Connectors:	SMA Female
Mounting:	4-M3*5

Environmental

Operation Temperature:	-55~+85℃
Non-operation Temperature:	-55~+100℃

How To Order

FSDC-400-8000-K6-X-Y

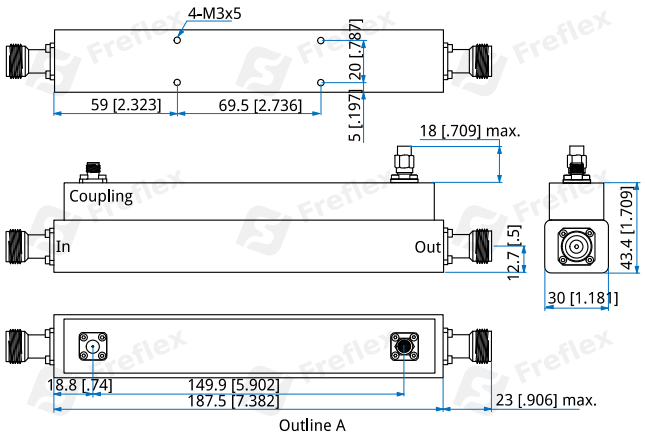
X: Coupling:
30, 40dB - Outline A
Y: Connector type

Connector naming rules:
NS - N Female & SMA Female

Examples:
To order a single directional coupler, 0.4~8GHz, 600W, 30dB, N Female & SMA Female, specify FSDC-400-8000-K6-30-NS.

Customization is available upon request.

Outline Drawings



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