

FDI2528C

High Power, High Isolation

Features:

- * High Power
- * High Isolation
- * Low Insertion Loss
- * Low VSWR

Applications:

- * Wireless
- * Radar
- * Laboratory Test

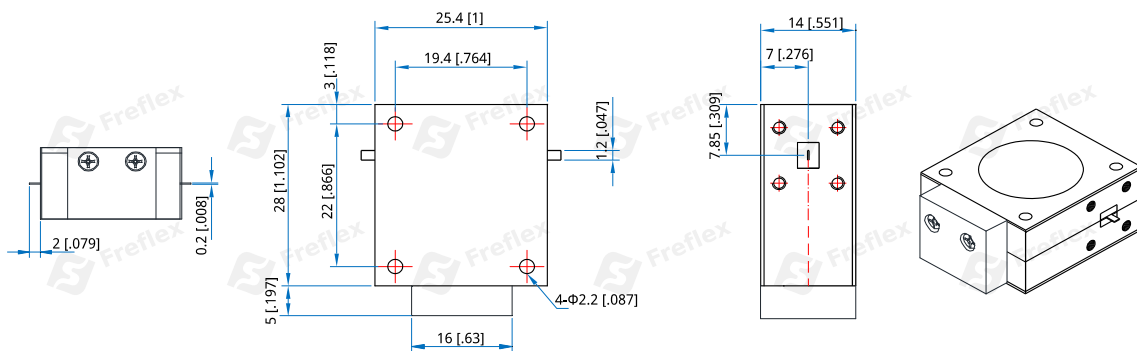
Description

FDI2528C series Drop-In Isolators cover frequency range 2700~6200MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

Specifications

Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W Max.)	Rev Power (W)	Temperature (°C)
2700~6200	3500	0.80	16.0	1.40	100	20	0~+60
3000~6000	3000	0.50	18.0	1.30	100	20	-30~+70
4000~5000	1000	0.40	18.0	1.30	100	20	-20~+70

Outline Drawings



Unit: mm [inch] Tolerance: $\pm 0.2\text{mm}$ [$\pm 0.008\text{in}$]

Mechanical

Size^{*1}: 25.4*28*14mm
1*1.102*0.551in

Connector Type: Strip line

Mounting: 4-Φ2.2mm through-hole

[1] Exclude connectors and terminations.

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

How To Order

FDI2528C-V-W-X-Y-Z

V: Start frequency in MHz

W: Stop frequency in MHz

X: Forward Power in W

Y: Reverse Power in W

Z: Direction type

Examples:

To order a FDI2528C series Isolator, 3000~6000MHz, Forward power 60W, Reverse power 20W, Clockwise, specify FDI2528C-3000-6000-60-20-1.

Customization is available upon request.