

FDC2528C

High Power, High Isolation

Features:

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

Applications:

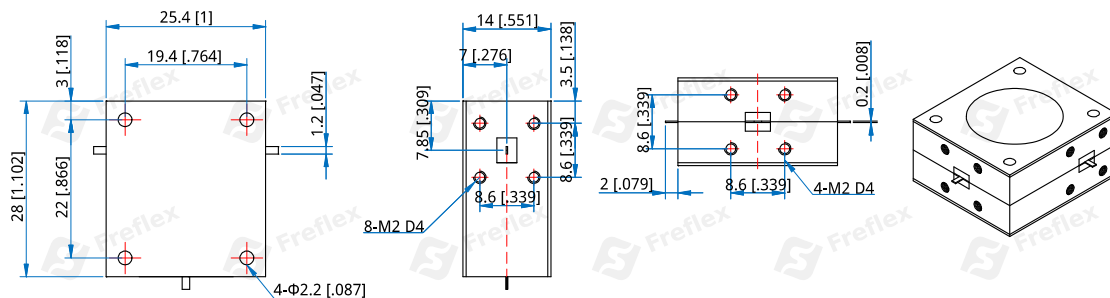
- * Wireless
- * Radar
- * Laboratory Test

Description

FDC2528C series Drop-In Circulators cover frequency range 2.7~6GHz. 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.)	Average Power (W)	Temperature (°C)
2700~6200	3500	0.80	16.0	1.40	10~60	-30~+70
3000~6000	3000	0.60	18.0	1.35	10~100	-30~+70
3000~6000	500	0.40	20.0	1.25	10~200	-30~+70
5000~5300	300	0.50	18.0	1.30	200	-40~+85
5000~6000	1000	0.30	23.0	1.20	10~200	-30~+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

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

How To Order
FDC2528C-W-X-Y-Z

- W: Start frequency in MHz
- X: Stop frequency in MHz
- Y: Average Power in W
- Z: Direction type

Examples:

To order a FDC2528C series Circulator, 2600~6000MHz, 60W, Clockwise, specify FDC2528C-2600-6000-60-1.

Customization is available upon request.