

FCI5050A

High Power, High Isolation

Features:

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

Applications:

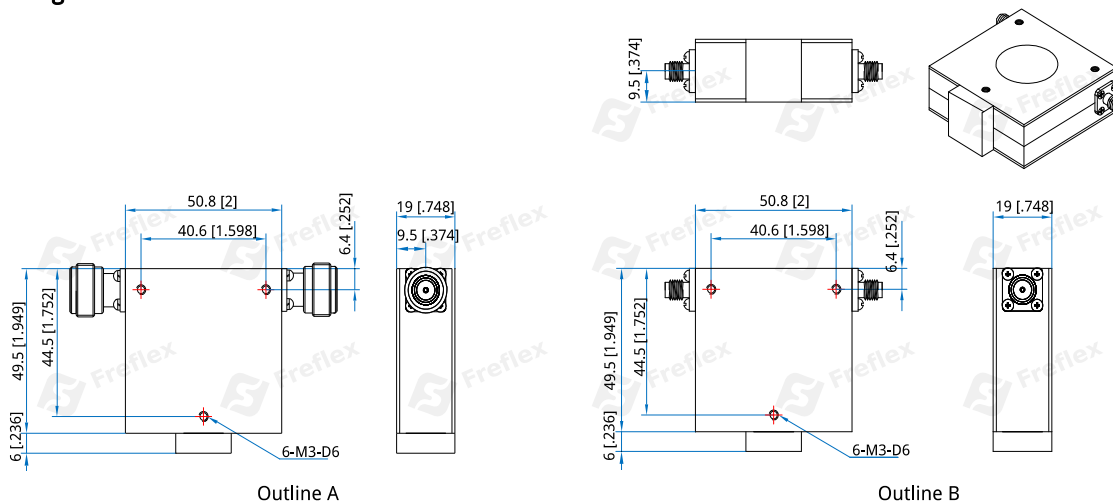
- * Wireless
- * Radar
- * Laboratory Test

Description

FCI5050A series Coaxial Isolators cover frequency range 1.5~3GHz. 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)	IL (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W Max.)	Rev Power (W)	Connector	Temperature (°C)
1500~3000	1500	0.70	17.0	1.40	100	10~100	SMA, N	-10~+60

Outline Drawings


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

Mechanical

Size^{*1}: 50.8*49.5*19mm
2*1.949*0.748in

Mounting: 6-M3, depth 6mm

[1] Exclude connectors and terminations.

Connector Naming Rules:

N - N Female (Outline A)

S - SMA Female (Outline B)

Direction Naming Rules:

1 - Clockwise

2 - Anticlockwise

How To Order
FCI5050A-U-V-W-X-Y-Z

U: Start frequency in MHz

V: Stop frequency in MHz

W: Forward power in W

X: Reverse power in W

Y: Connector type

Z: Direction type

Examples:

To order a FCI5050A series Isolator, 1.5~3GHz, Forward power 100W, Reverse power 100W, SMA female, Clockwise, specify FCI5050A-1500-3000-K1-K1-S-1.

Customization is available upon request.