

FCI4149A

High Power, High Isolation

Features:

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

Applications:

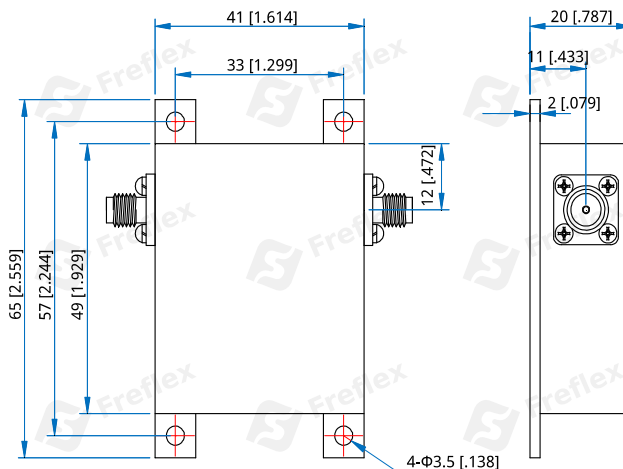
- * Wireless
- * Radar
- * Laboratory Test

Description

FCI4149A series Coaxial Isolators cover frequency range 600~1000MHz. 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)
600~1000	400	1.0	16.0	1.4	30	10	SMA	-10~+60

Outline Drawings


Unit: mm [inch] Tolerance: $\pm 0.3\text{mm}$ [$\pm 0.012\text{in}$]

Mechanical

Size*1: 41*49*20mm
1.614*1.929*0.787in
Mounting: 4-Φ3.5 through hole

[1] Exclude connectors and terminations.

Connector Naming Rules:

S - SMA Female

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

Customization is available upon request.

How To Order
FCI4149A-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 FCI4149A series Isolator, 600~1000MHz, Forward power 30W, Reverse power 10W, SMA female, Clockwise, specify FCI4149A-600-1000-30-10-S-1.