

NCI5050A

High Power, High Isolation

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| Features:
* High Power
* High Isolation
* Low Insertion Loss
* Low VSWR | Applications:
* Wireless
* Radar
* Laboratory Test |
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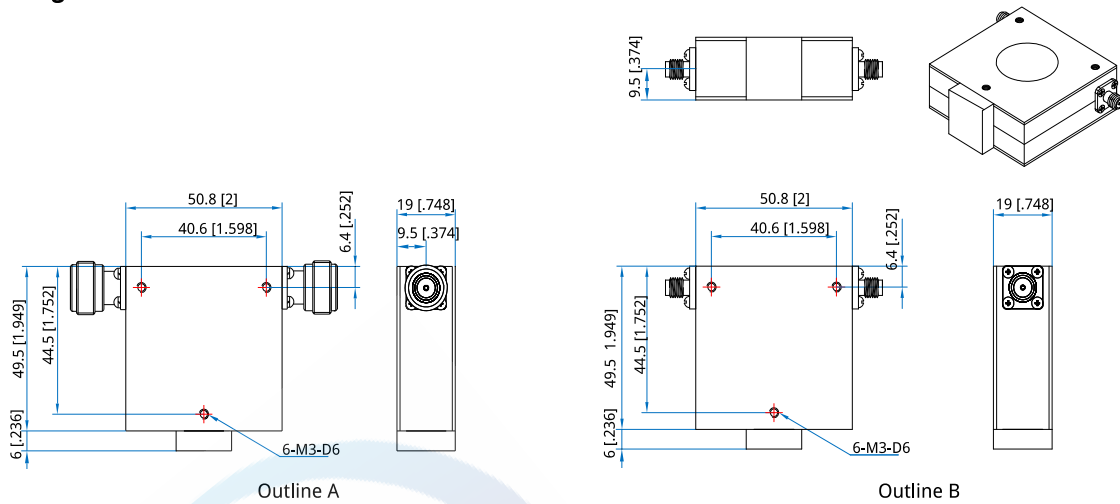
Description

NCI5050A 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: ±0.2mm [±0.008in]

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

NCI5050A-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 NCI5050A series Isolator, 1.5~3GHz, Forward power 100W, Reverse power 100W, SMA female, Clockwise, specify NCI5050A-1500-3000-K1-K1-S-1. Customization is available upon request.