

# NCI2528X

## High Power, High Isolation

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| <b>Features:</b><br>* High Power<br>* High Isolation<br>* Low Insertion Loss<br>* Low VSWR | <b>Applications:</b><br>* Wireless<br>* Radar<br>* Laboratory Test |
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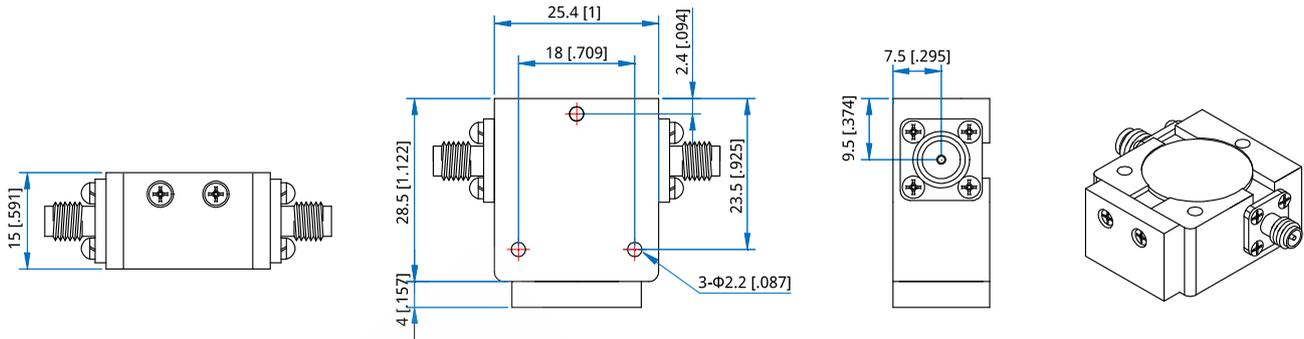
### Description

NCI2528X series Coaxial Isolators cover frequency range 2900~3500MHz. 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)
2900~3500	600	0.60	17	1.35	100	20	SMA	-30~+70

### Outline Drawings



Outline A

Unit: mm [inch]      Tolerance: ±0.2mm [±0.008in]

### Mechanical

Size\*1: 25.4\*28.5\*15mm  
 1\*1.122\*0.591in  
 Mounting: 3-Φ2.2mm through-hole

[1] Exclude connectors and terminations.

### Connector Naming Rules:

S - SMA Female (Outline A)

### Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

### How To Order

#### NCI2528X-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 NCI2528X series Isolator, 2900~3500MHz, Forward power 100W, Reverse power 20W, SMA female, Clockwise, specify NCI2528X-2900-3500-K1-20-S-1.

Customization is available upon request.