

NCI3030B

High Power, High Isolation

Features:
 * High Power
 * High Isolation
 * Low Insertion Loss
 * Low VSWR

Applications:
 * Wireless
 * Radar
 * Laboratory Test

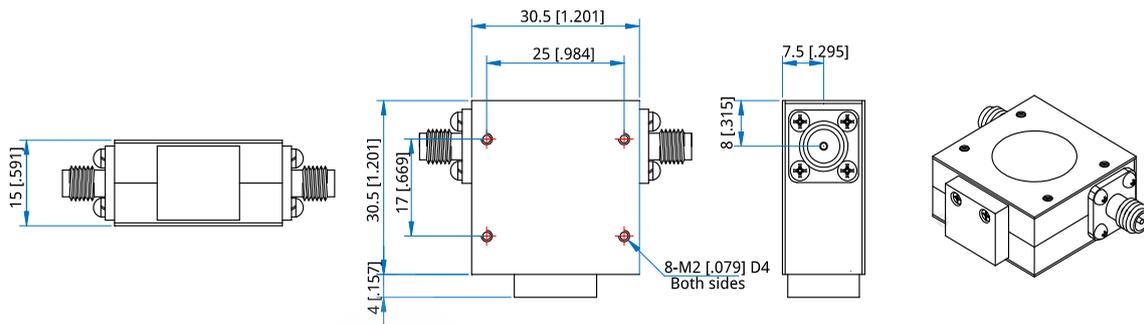
Description

NCI3030B series Coaxial Isolators cover frequency range 2-6GHz. 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) | IL (dB Max.) | Isolation (dB Min.) | VSWR (Max.) | Fwd Power (W Max.) | Rev Power (W) | Connector | Temperature (°C) |
|-----------------|-----------------|--------------|---------------------|-------------|--------------------|---------------|-----------|------------------|
| 2000-6000 | 4000 | 1.70 | 12.0 | 1.60 | 20 | 20 | SMA | -40~+70 |

Outline Drawings



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

Mechanical

Size*1: 30.5*30.5*15mm
 1.201*1.201*0.591in
 Mounting: 8-M2 Deep 4

[1] Exclude connectors and terminations.

Connector Naming Rules:

S - SMA Female

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

How To Order

NCI3030B-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 NCI3030B series Isolator, 2-6GHz, Forward power 20W, Reverse power 20W, SMA female, Clockwise, specify NCI3030B-2000-6000-20-20-S-1.

Customization is available upon request.