

## NDI1622B

### High Power, High Isolation

**Features:**

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

**Applications:**

- \* Wireless
- \* Radar
- \* Laboratory Test

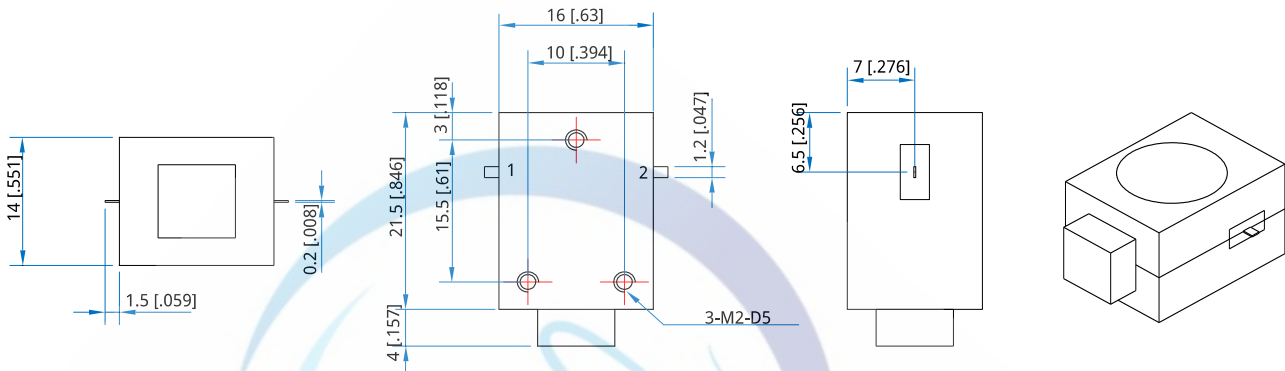
### Description

ND1622B series Drop-In Isolators cover frequency range 6~18GHz. 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)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W Max.)	Rev Power (W)	Temperature (°C)
6000~18000	12000	1.50	11.0	1.90	30	10	0~+60
8000~18000	10000	1.40	12.0	1.60	30	10	0~+60
12000~18000	6000	0.80	17.0	1.40	30	10	0~+60

### Outline Drawings



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

### Mechanical

Size<sup>\*1</sup>: 16\*21.5\*14mm  
 0.63\*0.846\*0.551in  
 Connector Type: Strip line  
 Mounting: 3-M2, depth 5mm

[1] Exclude connectors and terminations.

### How To Order

**NDI1622B-X-Y-Z**  
 X: Start frequency in MHz  
 Y: Stop frequency in MHz  
 Z: Reverse Power in W

**Examples:**

To order a NDI1622B series Isolator, 6000~18000MHz, 10W, specify NDI1622B-6000-18000-10.

Customization is available upon request.