NCI1622B

High Power, High Isolation

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

Applications:
* Wireless
* Radar
* Laboratory Test

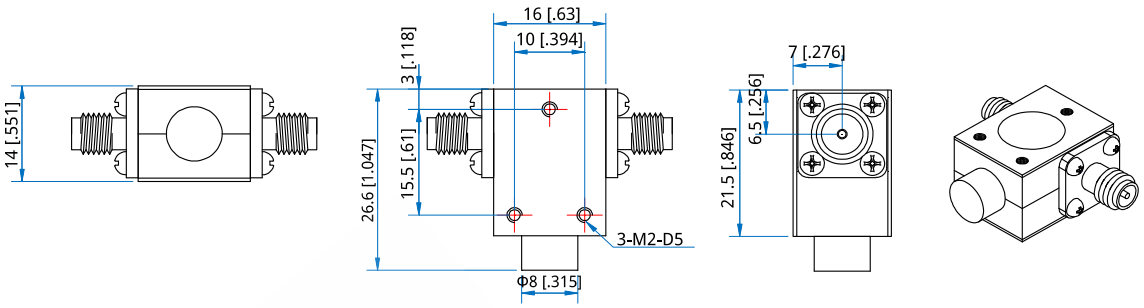
Description

NCI1622B series Coaxial 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)	IL (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W Max.)	Rev Power (W)	Connector	Temperature (°C)
6000~18000	12000	1.50	9.50	2.00	20	10	SMA	0~+60
8000~18000	10000	1.40	12.0	1.60	30	10	SMA	0~+60
12000~18000	6000	0.80	17.0	1.40	30	10	SMA	0~+60

Outline Drawings



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

Mechanical

Size[*1]: 16*21.5*14mm
0.63*0.846*0.551in
Mounting: 3-M2, depth 5mm

[1] Exclude connectors and terminations.

Connector Naming Rules:

S - SMA Female

Direction Naming Rules:

1 - Clockwise
2 - Anticlockwise

How To Order

NCI1622B-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 NCI1622B series Isolator, 8~18GHz, Forward power 30W, Reverse power 10W, SMA female, Clockwise, specify NCI1622B-8000-18000-30-10-S-1.

Customization is available upon request.