

NCI1220C

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

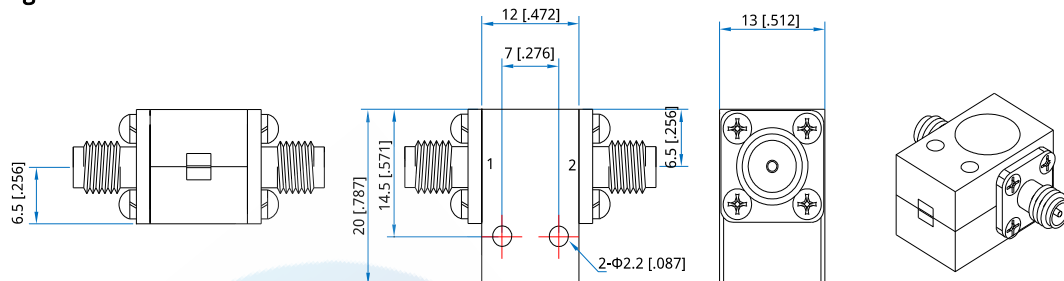
Description

NCI1220C series Coaxial Isolators cover frequency range 9~16.5GHz. 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)
9300~9500	200	0.30	23.0	1.25	30	5	SMA	-30~+70
10500~12500	2000	0.40	20.0	1.25	30	5	SMA	-30~+70
10700~12750	2050	0.50	20.0	1.25	20	5	SMA	-30~+70
10700~12800	2100	0.40	20.0	1.25	30	5	SMA	-30~+70
12700~14900	2200	0.50	19.0	1.30	30	5	SMA	-30~+70
14500~16500	2000	0.40	20.0	1.25	30	5	SMA	-30~+70

Outline Drawings



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

Mechanical

Size^{*1}: 12*20*13mm
0.472*0.787*0.512in

Mounting: 2-Φ2.2mm through-hole

[1] Exclude connectors and terminations.

Connector Naming Rules:

S - SMA Female

Direction Naming Rules:

- 1 - Clockwise
- 2 - Anticlockwise

How To Order

NCI1220C-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 NCI1220C series Isolator, 9.3~9.5GHz, Forward power 30W, Reverse power 5W, SMA female, Clockwise, specify NCI1220C-9300-9500-30-5-S-1.

Customization is available upon request.