

NCI1017C

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

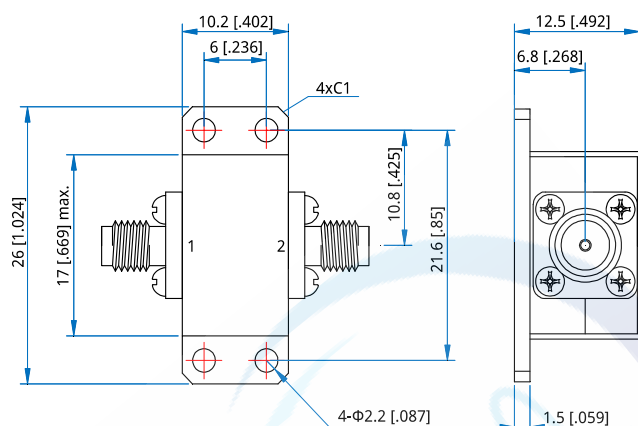
Description

NCI1017C series Coaxial Isolators cover frequency range 17~31GHz. 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)
17000~20500	3500	0.60	20.0	1.30	10	5	2.92mm	-10~+60
17300~22300	5000	0.80	20.0	1.30	10	5	2.92mm	-10~+60
18000~26500	8500	0.90	20.0	1.30	10	2	2.92mm	-10~+60
22000~28000	6000	1.20	20.0	1.30	5	1	2.92mm	-10~+60
25000~28000	3000	1.00	20.0	1.30	5	1	2.92mm	-10~+60
27000~31000	4000	1.00	20.0	1.30	5	1	2.92mm	-10~+60

Outline Drawings



Unit: mm [inch]

Tolerance: ±0.2mm [±0.008in]

Mechanical

Size*1: 10.2*17*12.5mm
0.402*0.669*0.492in

Mounting: 4-Φ2.2mm through-hole

[1] Exclude connectors and terminations.

How To Order

NCI1017C-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

Connector Naming Rules:

K - 2.92mm Female

Direction Naming Rules:

1 - Clockwise

2 - Anticlockwise

Examples:

To order a NCI1017C series Isolator, 17~20.5GHz, Forward power 10W, Reverse power 5W, 2.92mm female, Clockwise, specify NCI1017C-17000-20500-10-5-K-1.

Customization is available upon request.