

NDI4020X High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

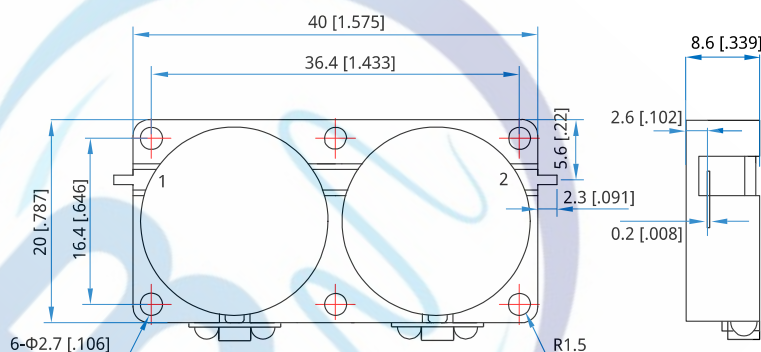
Description

NDI4020X series Drop-In Isolators cover frequency range 600~2700MHz. 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)
870~880	10	0.50	60.0	1.20	100	10~100	-30~+70
930~960	30	0.50	60.0	1.20	100	10~100	-30~+70
1805~1880	75	0.50	55.0	1.20	100	10~100	-30~+70
2010~2025	15	0.50	60.0	1.20	100	10~100	-30~+70
2110~2170	60	0.60	50.0	1.20	100	10~100	-30~+70
2300~2700	400	0.80	40.0	1.20	100	10~100	-30~+70
2400~2500	100	0.50	50.0	1.20	100	10~100	-30~+70
2500~2600	100	0.50	50.0	1.20	100	10~100	-30~+70
2600~2700	100	0.50	50.0	1.20	100	10~100	-30~+70

Outline Drawings



Unit: mm [inch] Tolerance: $\pm 0.2\text{mm}$ [$\pm 0.008\text{in}$]

Mechanical

Size*1: 40*20*8.6mm
1.575*0.787*0.339in
Connector Type: Strip line
Mounting: 6-Φ2.7mm through-hole

[1] Exclude connectors and terminations.

How To Order

NDI4020X-X-Y-Z
X: Start frequency in MHz
Y: Stop frequency in MHz
Z: Reverse Power in W

Examples:

To order a NDI4020X series Isolator, 870~880MHz, 100W, specify NDI4020X-870-880-K1.

Customization is available upon request.