

NDI1220D

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

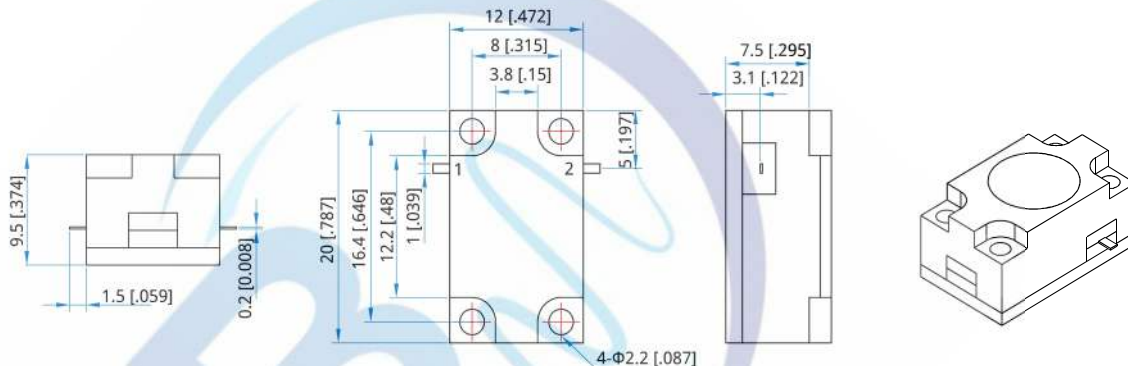
Description

NDI1220D series Drop-In Isolators cover frequency range 5~7GHz. 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)
5100~5900	800	0.50	18.0	1.30	80	10	-30~+70
5150~5500	350	0.40	20.0	1.25	80	10	-30~+70
5230~5340	210	0.30	23.0	1.20	80	10	-30~+70
5400~5900	500	0.40	20.0	1.25	80	10	-30~+70
5700~5900	200	0.30	23.0	1.20	80	10	-30~+70
5780~6000	220	0.30	23.0	1.25	80	10	-30~+70
5800~6500	700	0.40	20.0	1.25	80	10	-30~+70
6500~7000	500	0.40	20.0	1.25	80	10	-30~+70

Outline Drawings



Unit: mm [inch]

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

Mechanical

Size^{*1}: 12*20*9.5mm

0.472*0.787*0.374in

Connector Type: Strip line

Mounting: 4-Φ2.2mm through-hole

[1] Exclude connectors and terminations.

Customization is available upon request.

How To Order

NDI1220D-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI1220D series Isolator, 5100~5900MHz, 10W, specify NDI1220D-5100-5900-10.

NDI1313M

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

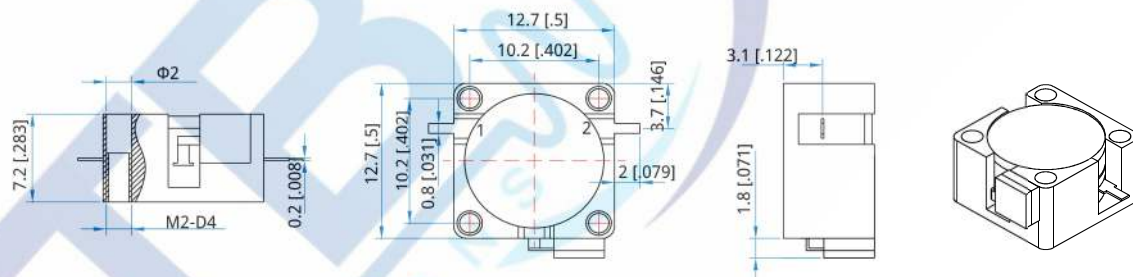
Description

NDI1313M series Drop-In Isolators cover frequency range 1700~6000MHz. 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)
1710~1785	75	0.30	23.0	1.20	60	20	-30~+70
1805~1880	75	0.30	23.0	1.20	60	20	-30~+70
1805~1920	115	0.40	20.0	1.25	60	20	-30~+70
1880~1920	40	0.30	23.0	1.20	60	20	-30~+70
2110~2170	60	0.30	23.0	1.20	60	20	-30~+70
2300~2400	100	0.30	23.0	1.20	60	20	-30~+70
2400~2500	100	0.30	23.0	1.20	60	20	-30~+70
2500~2700	200	0.30	23.0	1.20	60	20	-30~+70
2700~2900	200	0.30	23.0	1.20	60	20	-30~+70
2900~3100	200	0.30	23.0	1.20	60	20	-30~+70
3000~5000	200	0.35	20.0	1.25	60	20	-30~+70
3250~3450	200	0.35	20.0	1.25	60	20	-30~+70
3300~3500	200	0.35	20.0	1.25	60	20	-30~+70
3500~3650	150	0.35	20.0	1.25	60	20	-30~+70
5100~5900	800	0.45	18.0	1.30	60	20	-30~+70
5700~5900	200	0.40	20.0	1.25	60	20	-30~+70

Outline Drawings



Unit: mm [inch]

Tolerance: ±0.2mm [±0.008in]



NDI1313M

Mechanical

Size*1:	12.7*12.7*7.2mm 0.5*0.5*0.283in
Connector Type:	Strip line
Mounting:	Φ2 M2, depth 4mm

[1] Exclude connectors and terminations.

How To Order

NDI1313M-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI1313M series Isolator, 3300~3500MHz, 20W, specify NDI1313M-3300-3500-20.

Customization is available upon request.



NDI1313T

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

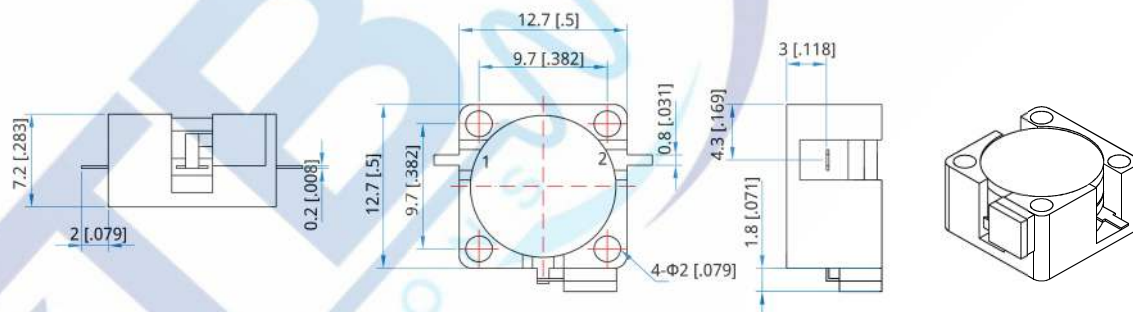
Description

NDI1313T series Drop-In Isolators cover frequency range 1700~6000MHz. 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)
1710~1785	75	0.30	23.0	1.20	60	20	-30~+70
1805~1880	75	0.30	23.0	1.20	60	20	-30~+70
1805~1920	115	0.40	20.0	1.25	60	20	-30~+70
1880~1920	40	0.30	23.0	1.20	60	20	-30~+70
2110~2170	60	0.30	23.0	1.20	60	20	-30~+70
2300~2400	100	0.30	23.0	1.20	60	20	-30~+70
2400~2500	100	0.30	23.0	1.20	60	20	-30~+70
2500~2700	200	0.30	23.0	1.20	60	20	-30~+70
2700~2900	200	0.30	23.0	1.20	60	20	-30~+70
2900~3100	200	0.30	23.0	1.20	60	20	-30~+70
3000~5000	200	0.35	20.0	1.25	60	20	-30~+70
3250~3450	200	0.35	20.0	1.25	60	20	-30~+70
3300~3500	200	0.35	20.0	1.25	60	20	-30~+70
3500~3650	150	0.35	20.0	1.25	60	20	-30~+70
5100~5900	800	0.45	18.0	1.30	60	20	-30~+70
5700~5900	200	0.40	20.0	1.25	60	20	-30~+70

Outline Drawings



Unit: mm [inch]

Tolerance: ±0.2mm [±0.008in]



NDI1313T

Mechanical

Size*1: 12.7*12.7*7.2mm

0.5*0.5*0.283in

Connector Type: Strip line

Mounting: 4-Φ2mm through-hole

[1] Exclude connectors and terminations.

How To Order

NDI1313T-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI1313T series Isolator, 3300~3500MHz, 20W, specify NDI1313T-3300-3500-20.

Customization is available upon request.



NDI1622B

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

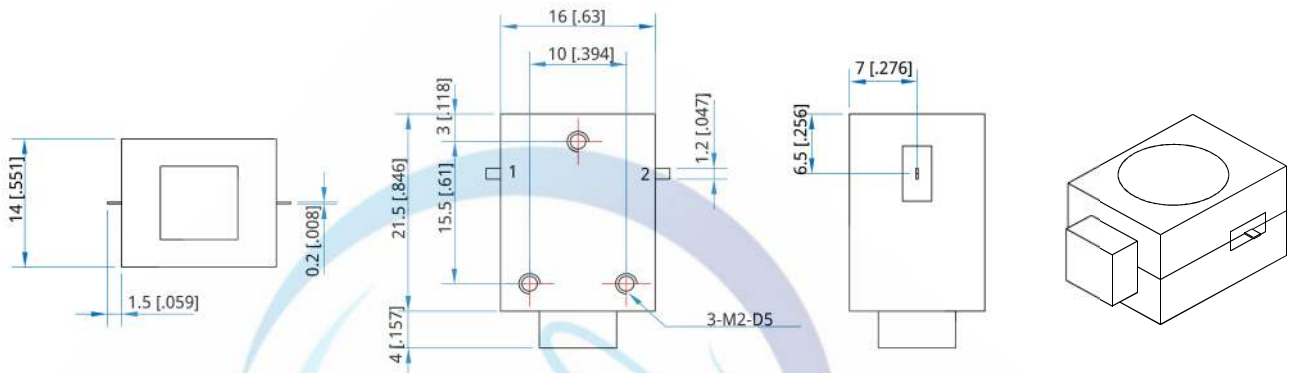
Description

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

Mechanical

Size^[1]: 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.

NDI1623D

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

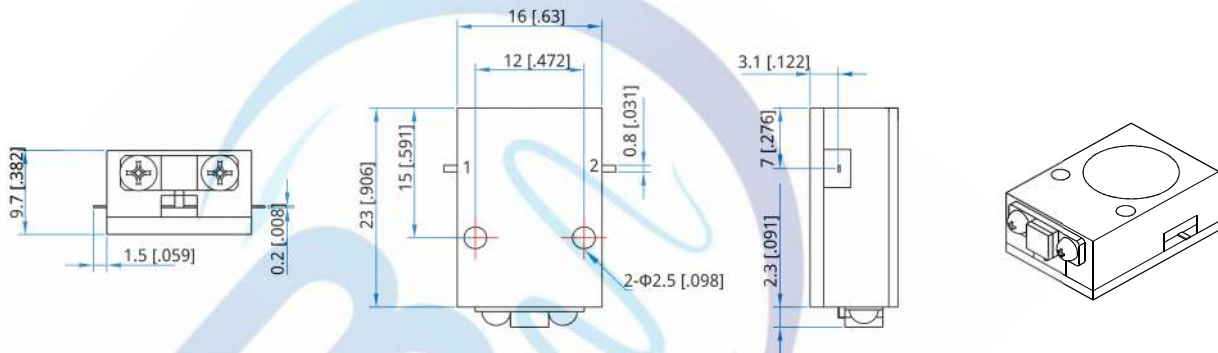
Description

NDI623D series Drop-In Isolators cover frequency range 5000~7000MHz. 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)
5100~5900	800	0.50	18.0	1.30	100	10	-30~+70
5150~5500	350	0.40	20.0	1.25	100	10	-30~+70
5230~5340	210	0.30	23.0	1.20	100	10	-30~+70
5400~5900	500	0.40	20.0	1.25	100	10	-30~+70
5700~5900	200	0.30	23.0	1.20	100	10	-30~+70
5780~6000	220	0.30	23.0	1.25	100	10	-30~+70
5800~6500	700	0.40	20.0	1.25	100	10	-30~+70
6500~7000	500	0.40	20.0	1.25	100	10	-30~+70

Outline Drawings



Unit: mm [inch]

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

Mechanical

Size*1: 16*23*9.7mm
0.63*0.906*0.382in

Connector Type: Strip line

Mounting: 2-Φ2.5mm through-hole

[1] Exclude connectors and terminations.

Customization is available upon request.

How To Order

NDI1623D-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI1623D series Isolator, 5100~5900MHz, 10W, specify NDI1623D-5100-5900-10.

NDI1626D

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

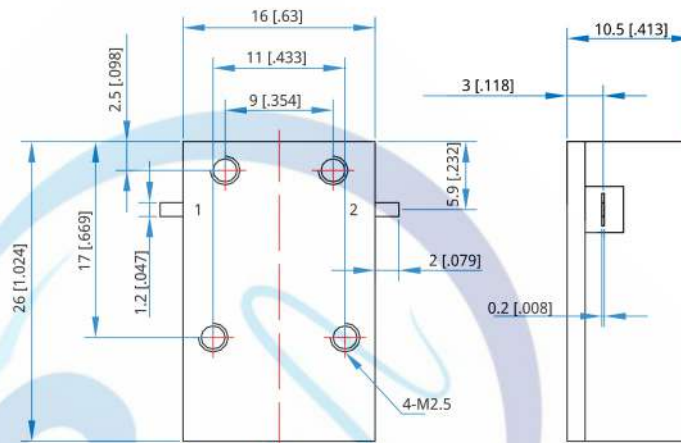
Description

NDI1626D series Drop-In Isolators cover frequency range 3700~5000MHz. 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)
3700~4200	500	0.40	20.0	1.25	100	10	-30~+70
3500~6500	300	0.30	23.0	1.20	100	10	-30~+70
3500~6500	600	0.40	20.0	1.25	100	10	-30~+70
4000~5000	1000	0.50	18.0	1.30	100	10	-30~+70

Outline Drawings



Unit: mm [inch]

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

Mechanical

Size^{*1}: 16*26*10.5mm
0.63*1.024*0.413in

Connector Type: Strip line

Mounting: 4-M2.5

[1] Exclude connectors and terminations.

Customization is available upon request.

How To Order

NDI1626D-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI1626D series Isolator, 3700~4200MHz, 10W, specify NDI1626D-3700-4200-10.

NDI1919X

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

Description

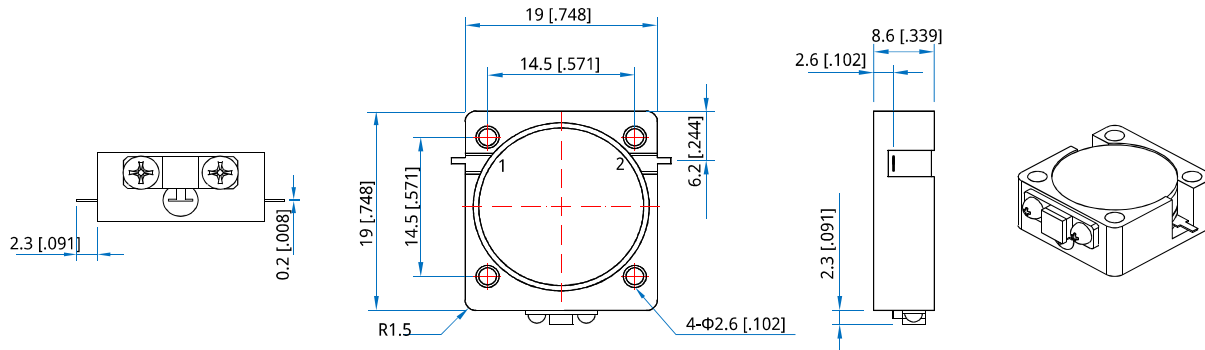
NDI1919X series Drop-In Isolators cover frequency range 800~4300MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

Specifications

Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W Max.)	Rev Power (W)	Temperature (°C)
800~1000	20	0.40	20.0	1.25	100	20	-30~+70
865~880	15	0.40	20.0	1.25	100	20	-30~+70
925~960	35	0.40	20.0	1.25	100	20	-30~+70
1000~1700	60	0.30	23.0	1.20	100	20	-30~+70
1000~1700	200	0.40	20.0	1.25	100	20	-30~+70
1030~1090	60	0.30	23.0	1.20	100	20	-30~+70
1000~1200	200	0.40	20.0	1.25	100	20	-30~+70
1100~1300	200	0.40	20.0	1.25	100	20	-30~+70
1325~1375	50	0.30	23.0	1.20	100	20	-30~+70
1500~1700	200	0.40	20.0	1.20	100	20	-30~+70
1700~3000	75	0.30	23.0	1.20	100	20	-30~+70
1700~3000	200	0.40	20.0	1.25	100	20	-30~+70
1700~1900	200	0.40	20.0	1.25	100	20	-30~+70
1710~1785	75	0.30	23.0	1.20	100	20	-30~+70
1805~1880	75	0.30	23.0	1.20	100	20	-30~+70
1920~1980	70	0.30	23.0	1.20	100	20	-30~+70
2110~2170	60	0.30	23.0	1.20	100	20	-30~+70
2000~2200	200	0.30	23.0	1.20	100	20	-30~+70
2100~2700	600	0.50	18.0	1.35	100	20	-30~+70
2200~2400	200	0.30	23.0	1.20	100	20	-30~+70
2300~2500	200	0.30	23.0	1.20	100	20	-30~+70
2300~2700	400	0.40	20.0	1.25	100	20	-30~+70
2700~3100	400	0.40	20.0	1.25	100	20	-30~+70
3100~3400	300	0.40	20.0	1.25	100	20	-30~+70
3400~3600	200	0.30	23.0	1.20	100	20	-30~+70
3400~4300	900	0.50	20.0	1.25	100	20	-30~+70

NDI1919X

Outline Drawings



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

Mechanical

Size*: 19*19*8.6mm
0.748*0.748*0.339in
Connector Type: Strip line
Mounting: 4-Φ2.6mm through-hole

[1] Exclude connectors and terminations.

How To Order

NDI1919X-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI1919X series Isolator, 2300~2700MHz, 20W, specify NDI1919X-2300-2700-20.

Customization is available upon request.



NDI1925X

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

Description

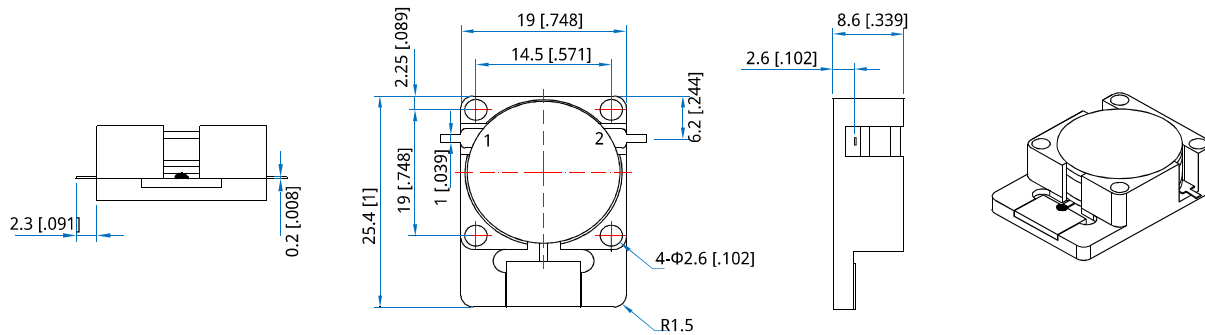
NDI1925X series Drop-In Isolators cover frequency range 800~3600MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

Specifications

Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W Max.)	Rev Power (W)	Temperature (°C)
800~1000	20	0.40	20.0	1.25	100	100	-30~+70
865~880	15	0.40	20.0	1.25	100	100	-30~+70
925~960	35	0.40	20.0	1.25	100	100	-30~+70
1000~1700	60	0.30	23.0	1.20	100	100	-30~+70
1000~1700	200	0.40	20.0	1.25	100	100	-30~+70
1030~1090	60	0.30	23.0	1.20	100	100	-30~+70
1000~1200	200	0.40	20.0	1.25	100	100	-30~+70
1100~1300	200	0.40	20.0	1.25	100	100	-30~+70
1325~1375	50	0.30	23.0	1.20	100	100	-30~+70
1500~1700	200	0.40	20.0	1.20	100	100	-30~+70
1700~3000	75	0.30	23.0	1.20	100	100	-30~+70
1700~3000	200	0.40	20.0	1.25	100	100	-30~+70
1700~1900	200	0.40	20.0	1.25	100	100	-30~+70
1710~1785	75	0.30	23.0	1.20	100	100	-30~+70
1805~1880	75	0.30	23.0	1.20	100	100	-30~+70
1920~1980	70	0.30	23.0	1.20	100	100	-30~+70
2110~2170	60	0.30	23.0	1.20	100	100	-30~+70
2000~2200	200	0.30	23.0	1.20	100	100	-30~+70
2100~2700	600	0.50	18.0	1.35	100	100	-30~+70
2200~2400	200	0.30	23.0	1.20	100	100	-30~+70
2300~2500	200	0.30	23.0	1.20	100	100	-30~+70
2300~2700	400	0.40	20.0	1.25	100	100	-30~+70
2700~3100	400	0.40	20.0	1.25	100	100	-30~+70
3100~3400	300	0.40	20.0	1.25	100	100	-30~+70
3400~3600	200	0.30	23.0	1.20	100	100	-30~+70
3400~4300	900	0.50	20.0	1.25	100	100	-30~+70

NDI1925X

Outline Drawings



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

Mechanical

Size*1:	19*25.4*8.6mm 0.748*1*0.339in
Connector Type:	Strip line
Mounting:	4-Φ2.6mm through-hole

[1] Exclude connectors and terminations.

How To Order

NDI1925X-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI1925X series Isolator, 2700~3100MHz, 100W, specify NDI1925X-2700-3100-K1.

Customization is available upon request.

NDI2020X

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

Description

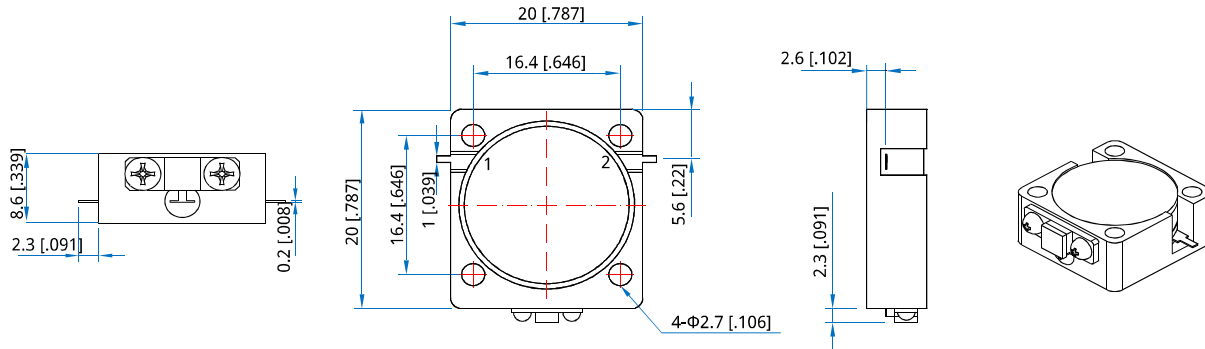
NDI2020X series Drop-In Isolators cover frequency range 600~4000MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

Specifications

Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W Max.)	Rev Power (W)	Temperature (°C)
600~800	20	0.40	23.0	1.20	150	20	-30~+70
600~800	50	0.40	20.0	1.25	150	20	-30~+70
700~1300	30	0.25	25.0	1.15	150	20	-30~+70
700~1300	100	0.40	20.0	1.25	150	20	-30~+70
825~875	50	0.40	20.0	1.20	150	20	-30~+70
869~894	25	0.25	25.0	1.20	150	20	-30~+70
885~915	30	0.25	25.0	1.20	150	20	-30~+70
850~960	110	0.40	20.0	1.25	150	20	-30~+70
920~960	40	0.25	25.0	1.20	150	20	-30~+70
1030~1090	60	0.30	23.0	1.20	150	20	-30~+70
1300~3000	75	0.25	25.0	1.15	150	20	-30~+70
1300~3000	100	0.30	23.0	1.20	150	20	-30~+70
1300~3000	200	0.40	20.0	1.25	150	20	-30~+70
1500~1700	200	0.40	20.0	1.25	150	20	-30~+70
1700~1900	200	0.40	20.0	1.25	150	20	-30~+70
1900~2200	300	0.40	20.0	1.25	150	20	-30~+70
2100~2700	600	0.50	18.0	1.35	150	20	-30~+70
2300~2700	400	0.40	20.0	1.25	150	20	-30~+70
2400~2500	100	0.25	25.0	1.15	150	20	-30~+70
2500~2700	200	0.30	23.0	1.20	150	20	-30~+70
3000~4000	200	0.30	23.0	1.20	150	20	-30~+70
3000~4000	400	0.40	20.0	1.25	150	20	-30~+70
3200~3900	700	0.40	20.0	1.25	150	20	-30~+70
3300~3600	300	0.40	23.0	1.20	150	20	-30~+70
3400~4300	900	0.50	20.0	1.25	150	20	-30~+70
3600~3800	200	0.30	23.0	1.20	150	20	-30~+70

NDI2020X

Outline Drawings



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

Mechanical

Size*1:	20*20*8.6mm 0.787*0.787*0.339in
Connector Type:	Strip line
Mounting:	4-Φ2.7mm through-hole

[1] Exclude connectors and terminations.

How To Order

NDI2020X-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI2020X series Isolator, 3600~3800MHz, 20W, specify NDI2020X-3600-3800-20.

Customization is available upon request.

NDI2027X

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

Description

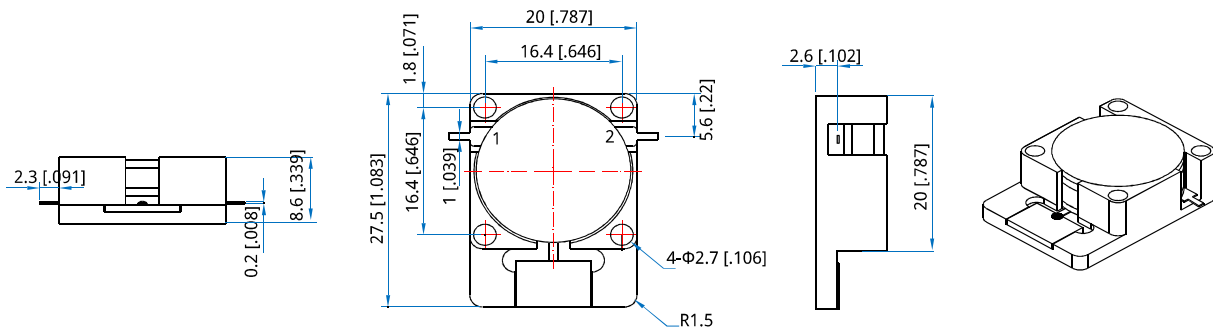
NDI2027X series Drop-In Isolators cover frequency range 600~3600MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

Specifications

Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W Max.)	Rev Power (W)	Temperature (°C)
600~800	20	0.40	23.0	1.20	150	100	-30~+70
600~800	50	0.40	20.0	1.25	150	100	-30~+70
700~1300	30	0.25	25.0	1.15	150	100	-30~+70
700~1300	100	0.40	20.0	1.25	150	100	-30~+70
825~875	50	0.40	20.0	1.20	150	100	-30~+70
869~894	25	0.25	25.0	1.20	150	100	-30~+70
885~915	30	0.25	25.0	1.20	150	100	-30~+70
850~960	110	0.40	20.0	1.25	150	100	-30~+70
920~960	40	0.25	25.0	1.20	150	100	-30~+70
1030~1090	60	0.30	23.0	1.20	150	100	-30~+70
1300~3000	75	0.25	25.0	1.15	150	100	-30~+70
1300~3000	100	0.30	23.0	1.20	150	100	-30~+70
1300~3000	200	0.40	20.0	1.25	150	100	-30~+70
1500~1700	200	0.40	20.0	1.25	150	100	-30~+70
1700~1900	200	0.40	20.0	1.25	150	100	-30~+70
1900~2200	300	0.40	20.0	1.25	150	100	-30~+70
2100~2700	600	0.50	18.0	1.35	150	100	-30~+70
2300~2700	400	0.40	20.0	1.25	150	100	-30~+70
2400~2500	100	0.25	25.0	1.15	150	100	-30~+70
2500~2700	200	0.30	23.0	1.20	150	100	-30~+70
3000~4000	200	0.30	23.0	1.20	150	100	-30~+70
3000~4000	400	0.40	20.0	1.25	150	100	-30~+70
3200~3900	700	0.40	20.0	1.25	150	100	-30~+70
3300~3600	300	0.40	23.0	1.20	150	100	-30~+70
3400~4300	900	0.50	20.0	1.25	150	100	-30~+70
3600~3800	200	0.30	23.0	1.20	150	100	-30~+70

NDI2027X

Outline Drawings



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

Mechanical

Size^{*1}: 20*27.5*8.6mm
0.787*1.083*0.339in

Connector Type: Strip line

Mounting: 4-Φ2.7mm through-hole

[1] Exclude connectors and terminations.

How To Order

NDI2027X-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI2027X series Isolator, 3600~3800MHz, 100W, specify NDI2027X-3600-3800-K1.

Customization is available upon request.

NDI2123B

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

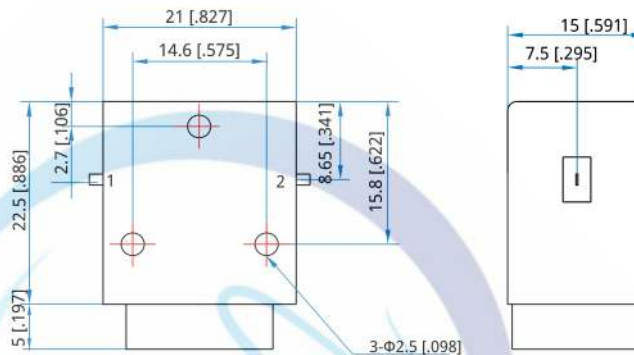
Description

NDI2123B series Drop-In Isolators cover frequency range 4000~8000MHz. 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)
4000~8000	4000	0.60	18.0	1.35	60	20	0~+60
5600~7000	1400	0.50	18.0	1.30	60	20	0~+60
5800~6800	1000	0.50	19.0	1.30	60	20	0~+60
6000~8000	2000	0.40	18.0	1.30	60	20	0~+60

Outline Drawings



Unit: mm [inch]

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

Mechanical

Size^{*1}: 21*22.5*15mm
0.827*0.886*0.591in
Connector Type: Strip line
Mounting: 3-Ø2.5mm through-hole

[1] Exclude connectors and terminations.

How To Order

NDI2123B-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI2123B series Isolator, 6000~8000MHz, 20W, specify NDI2123B-6000-8000-20.

Customization is available upon request.

**NDI2525X****High Power, High Isolation****Features:**

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

Description

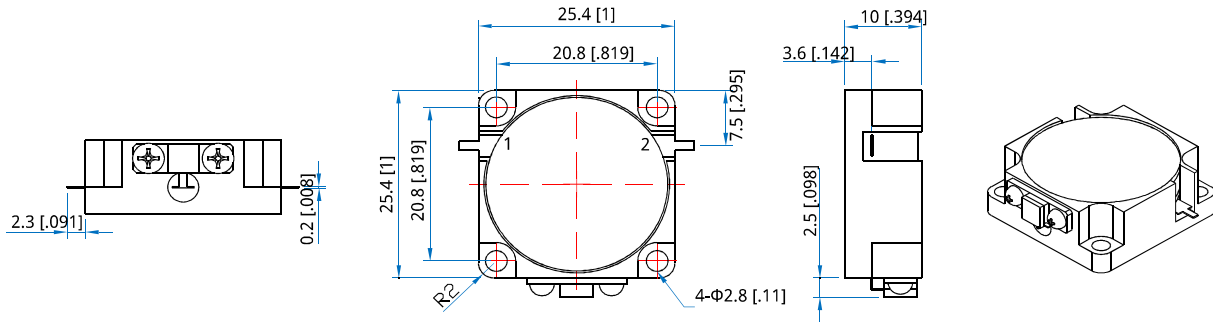
NDI2525X series Drop-In Isolators cover frequency range 350~4000MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

Specifications

Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W Max.)	Rev Power (W)	Temperature (°C)
350~400	20	0.50	20.0	1.25	250	10~100	-30~+70
400~800	20	0.40	23.0	1.25	250	10~100	-30~+70
400~800	70	0.40	20.0	1.20	250	10~100	-30~+70
700~1300	30	0.25	25.0	1.15	250	10~100	-30~+70
700~1300	100	0.40	20.0	1.25	250	10~100	-30~+70
746~870	124	0.40	20.0	1.25	250	10~100	-30~+70
869~894	25	0.25	20.0	1.20	250	10~100	-30~+70
885~915	30	0.25	25.0	1.20	250	10~100	-30~+70
850~960	110	0.40	20.0	1.25	250	10~100	-30~+70
920~960	40	0.25	25.0	1.20	250	10~100	-30~+70
960~1215	255	0.40	20.0	1.25	250	10~100	-30~+70
1030~1090	60	0.30	23.0	1.20	250	10~100	-30~+70
1300~3000	75	0.25	25.0	1.15	250	10~100	-30~+70
1300~3000	100	0.30	23.0	1.20	250	10~100	-30~+70
1300~3000	200	0.40	20.0	1.25	250	10~100	-30~+70
1300~1800	500	0.40	16.0	1.40	250	10~100	-30~+70
1500~1700	200	0.40	20.0	1.25	250	10~100	-30~+70
1700~1900	200	0.40	20.0	1.25	250	10~100	-30~+70
1880~2650	770	0.65	15.0	1.45	250	10~100	-30~+70
1900~2200	300	0.40	20.0	1.25	250	10~100	-30~+70
2100~2700	600	0.50	18.0	1.35	250	10~100	-30~+70
2300~2700	400	0.40	20.0	1.25	250	10~100	-30~+70
2400~2500	100	0.25	25.0	1.15	250	10~100	-30~+70
3000~4000	200	0.30	23.0	1.20	250	10~100	-30~+70
3000~4000	400	0.40	20.0	1.25	250	10~100	-30~+70
3400~3600	200	0.30	23.0	1.20	250	10~100	-30~+70
3600~3800	200	0.30	23.0	1.20	250	10~100	-30~+70

NDI2525X

Outline Drawings



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

Mechanical

Size ^{*1} :	25.4*25.4*10mm 1*1*0.394in
Connector Type:	Strip line
Mounting:	4-Φ2.8mm through-hole

[1] Exclude connectors and terminations.

How To Order

NDI2525X-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI2525X series Isolator, 3600~3800MHz, 20W, specify NDI2525X-3600-3800-20.

Customization is available upon request.

NDI2528C

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

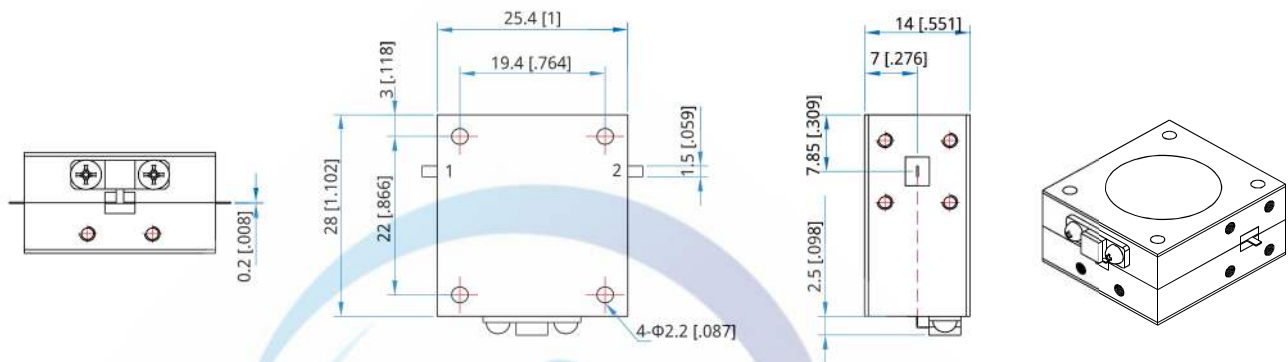
Description

NDI2528C series Drop-In Isolators cover frequency range 3000~6000MHz. 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)
2700~6200	3500	0.80	16.0	1.40	60	20	-10~+60
3000~6000	3000	0.60	18.0	1.35	60	20	-10~+60

Outline Drawings



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

Mechanical

Size^{*1}: 25.4*28*14mm
1*1.102*0.551in

Connector Type: Strip line

Mounting: 4- $\Phi 2.2\text{mm}$ through-hole

[1] Exclude connectors and terminations.

How To Order

NDI2528C-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI2528C series Isolator, 3000~6000MHz, 20W, specify NDI2528C-3000-6000-20.

Customization is available upon request.

**NDI2532X**

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

Description

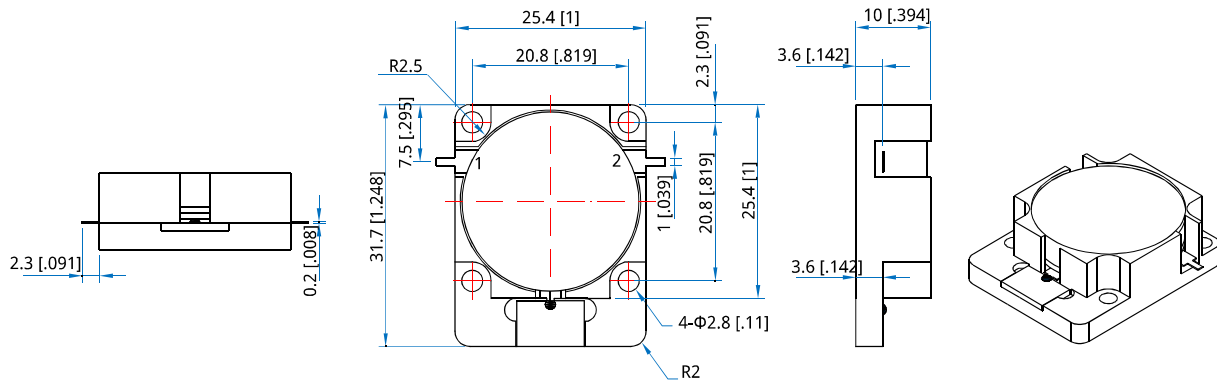
NDI2532X series Drop-In Isolators cover frequency range 350~4000MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

Specifications

Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W Max.)	Rev Power (W)	Temperature (°C)
350~400	20	0.50	20.0	1.25	250	100	-30~+70
400~800	20	0.40	23.0	1.25	250	100	-30~+70
400~800	70	0.40	20.0	1.20	250	100	-30~+70
700~1300	30	0.25	25.0	1.15	250	100	-30~+70
700~1300	100	0.40	20.0	1.25	250	100	-30~+70
746~870	124	0.40	20.0	1.20	250	100	-30~+70
869~894	25	0.25	25.0	1.20	250	100	-30~+70
885~915	30	0.25	25.0	1.20	250	100	-30~+70
850~960	110	0.40	20.0	1.25	250	100	-30~+70
920~960	40	0.25	25.0	1.20	250	100	-30~+70
960~1215	255	0.40	20.0	1.25	250	100	-30~+70
1030~1090	60	0.30	23.0	1.20	250	100	-30~+70
1300~3000	75	0.25	25.0	1.15	250	100	-30~+70
1300~3000	100	0.30	23.0	1.20	250	100	-30~+70
1300~3000	200	0.40	20.0	1.25	250	100	-30~+70
1300~1800	500	0.40	16.0	1.40	250	100	-30~+70
1500~1700	200	0.40	20.0	1.25	250	100	-30~+70
1700~1900	200	0.40	20.0	1.25	250	100	-30~+70
1880~2650	770	0.65	15.0	1.45	250	100	-30~+70
1900~2200	300	0.40	20.0	1.25	250	100	-30~+70
2100~2700	600	0.50	18.0	1.35	250	100	-30~+70
2300~2700	400	0.40	20.0	1.25	250	100	-30~+70
2400~2500	100	0.25	25.0	1.15	250	100	-30~+70
3000~4000	200	0.30	23.0	1.20	250	100	-30~+70
3000~4000	400	0.40	20.0	1.25	250	100	-30~+70
3400~3600	200	0.30	23.0	1.20	250	100	-30~+70
3600~3800	200	0.30	23.0	1.20	250	100	-30~+70

NDI2532X

Outline Drawings



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

Mechanical

Size*1: 25.4*31.7*10mm
1*1.248*0.394in

Connector Type: Strip line

Mounting: 4-Φ2.8mm through-hole

[1] Exclude connectors and terminations.

How To Order

NDI2532X-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI2532X series Isolator, 3600~3800MHz, 100W, specify NDI2532X-3600-3800-K1.

Customization is available upon request.

NDI3234A

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

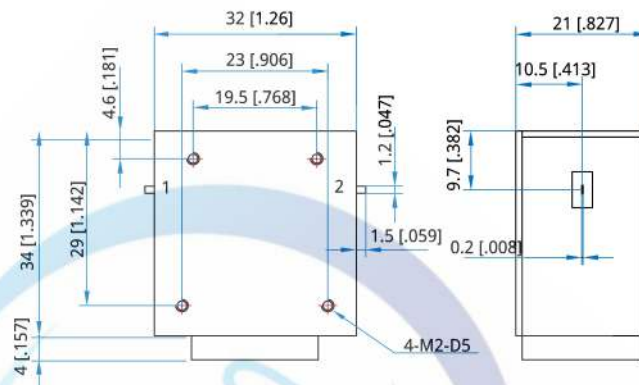
Description

NDI3234A series Drop-In Isolators cover frequency range 2000~4000MHz. 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)
2000~3000	1000	0.60	18.0	1.30	100	10~100	-10~+60
2000~4000	2000	0.60	18.0	1.30	100	10~100	-10~+60

Outline Drawings



Unit: mm [inch]

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

Mechanical

Size*1: 32*34*21mm
1.26*1.339*0.827in
Connector Type: Strip line
Mounting: 4-M2, depth 5mm

[1] Exclude connectors and terminations.

How To Order

NDI3234A-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI3234A series Isolator, 2000~3000MHz, 20W, specify NDI3234A-2000-3000-20.

Customization is available upon request.



NDI3538X

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

Description

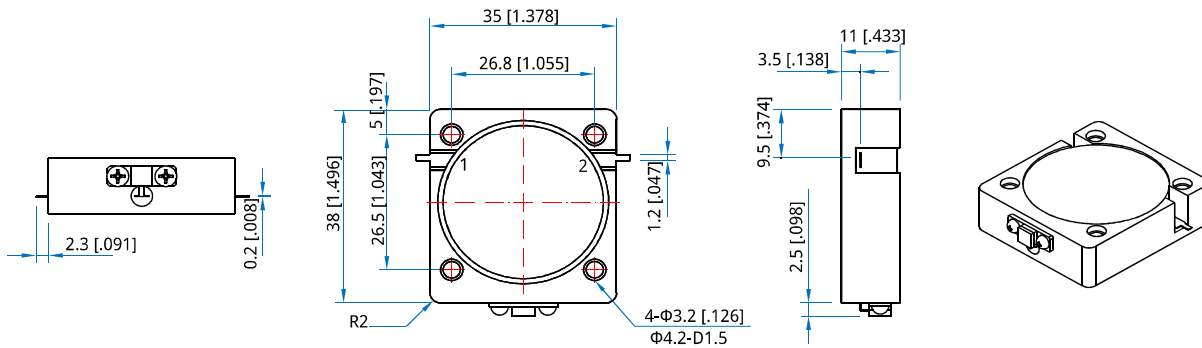
NDI3538X series Drop-In Isolators cover frequency range 300~1850MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

Specifications

Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W Max.)	Rev Power (W)	Temperature (°C)
300~350	50	0.70	18.0	1.35	300	10~100	-30~+70
300~400	20	0.40	20.0	1.25	300	10~100	-30~+70
350~370	20	0.40	23.0	1.20	300	10~100	-30~+70
361~366	5	0.40	23.0	1.20	300	10~100	-30~+70
400~470	70	0.40	20.0	1.25	300	10~100	-30~+70
400~600	20	0.30	23.0	1.20	300	10~100	-30~+70
400~600	50	0.40	20.0	1.25	300	10~100	-30~+70
470~570	100	0.40	20.0	1.25	300	10~100	-30~+70
500~700	200	0.70	18.0	1.30	300	10~100	-30~+70
600~800	30	0.25	25.0	1.15	300	10~100	-30~+70
600~800	100	0.30	23.0	1.20	300	10~100	-30~+70
600~800	200	0.45	19.0	1.25	300	10~100	-30~+70
700~1000	30	0.25	25	1.15	300	10~100	-30~+70
700~1000	100	0.30	23.0	1.20	300	10~100	-30~+70
700~1000	200	0.50	18.0	1.30	300	10~100	-30~+70
950~1450	500	0.60	18.0	1.30	300	10~100	-30~+70
960~1215	255	0.30	21.0	1.20	300	10~100	-30~+70
960~1260	300	0.45	20.0	1.25	300	10~100	-30~+70
1000~1500	500	0.60	18.0	1.30	300	10~100	-30~+70
1020~1040	20	0.25	25.0	1.15	300	10~100	-30~+70
1160~1610	450	0.50	20.0	1.25	300	10~100	-30~+70
1290~1310	20	0.25	25.0	1.15	300	10~100	-30~+70
1350~1850	500	0.50	20.0	1.25	300	10~100	-30~+70

NDI3538X

Outline Drawings



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

Mechanical

Size*1:	35*38*11mm 1.378*1.496*0.433in
Connector Type:	Strip line
Mounting:	4-Φ3.2mm through-hole Φ4.2, depth 1.5mm

[1] Exclude connectors and terminations.

How To Order

NDI3538X-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI3538X series Isolator, 700~730MHz, 100W, specify NDI3538X-700-730-K1.

Customization is available upon request.

**NDI3546X**

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

Description

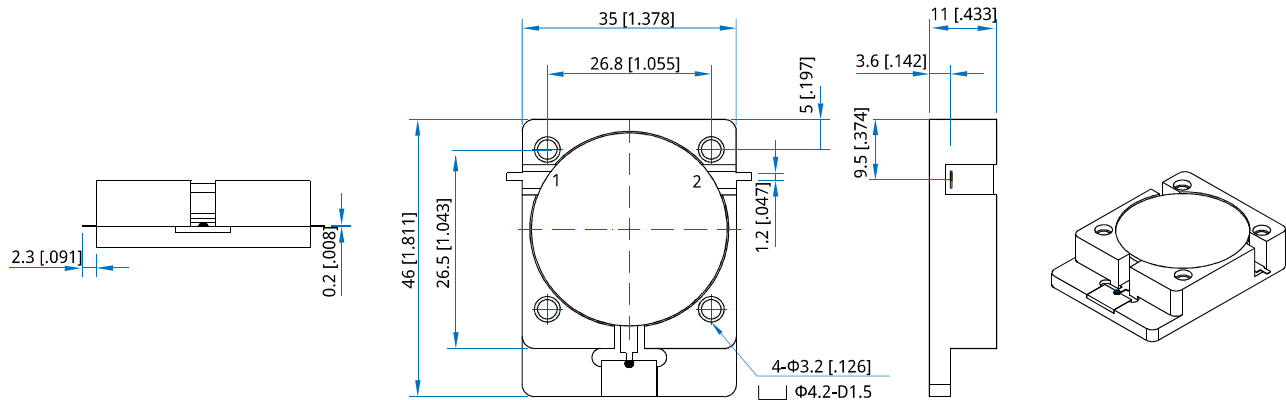
NDI3546X series Drop-In Isolators cover frequency range 300~1850MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

Specifications

Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W Max.)	Rev Power (W)	Temperature (°C)
300~350	50	0.70	18.0	1.35	300	100	-30~+70
300~400	20	0.40	20.0	1.25	300	100	-30~+70
350~370	20	0.40	23.0	1.20	300	100	-30~+70
361~366	5	0.40	23.0	1.20	300	100	-30~+70
400~470	70	0.40	20.0	1.25	300	100	-30~+70
400~600	20	0.30	23.0	1.20	300	100	-30~+70
400~600	50	0.40	20.0	1.25	300	100	-30~+70
470~570	100	0.40	20.0	1.25	300	100	-30~+70
500~700	200	0.70	18.0	1.30	300	100	-30~+70
600~800	30	0.25	25.0	1.15	300	100	-30~+70
600~800	100	0.30	23.0	1.20	300	100	-30~+70
600~800	200	0.45	19.0	1.25	300	100	-30~+70
700~1000	30	0.25	25	1.15	300	100	-30~+70
700~1000	100	0.30	23.0	1.20	300	100	-30~+70
700~1000	200	0.50	18.0	1.30	300	100	-30~+70
950~1450	500	0.60	18.0	1.30	300	100	-30~+70
960~1215	255	0.30	21.0	1.20	300	100	-30~+70
960~1260	300	0.45	20.0	1.25	300	100	-30~+70
1000~1500	500	0.60	18.0	1.30	300	100	-30~+70
1020~1040	20	0.25	25.0	1.15	300	100	-30~+70
1160~1610	450	0.50	20.0	1.25	300	100	-30~+70
1290~1310	20	0.25	25.0	1.15	300	100	-30~+70
1350~1850	500	0.50	20.0	1.25	300	100	-30~+70

NDI3546X

Outline Drawings



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

Mechanical

Size*1:	35*46*11mm 1.378*1.811*0.433in
Connector Type:	Strip line
Mounting:	4-Φ3.2mm through-hole Φ4.2, depth 1.5mm

[1] Exclude connectors and terminations.

How To Order

NDI3546X-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI3546X series Isolator, 1350~1850MHz, 100W, specify NDI3546X-1350-1850-K1.

Customization is available upon request.

NDI4020X

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

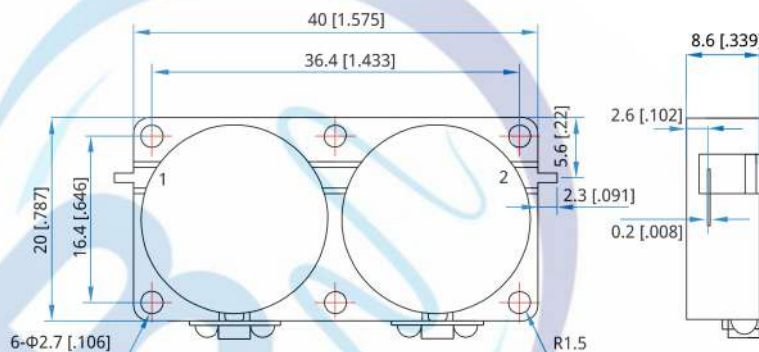
Description

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: ±0.2mm [±0.008in]

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.

NDI4027X

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

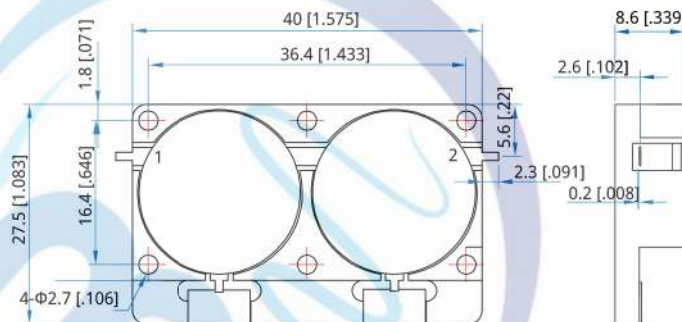
Description

NDI4027X 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	60	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*27.5*8.6mm
1.575*1.083*0.339in

Connector Type: Strip line

Mounting: 4-Φ2.7mm through-hole

[1] Exclude connectors and terminations.

Customization is available upon request.

How To Order

NDI4027X-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI4027X series Isolator, 930~960MHz, 100W, specify NDI4027X-930-960-K1.

NDI4545X

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

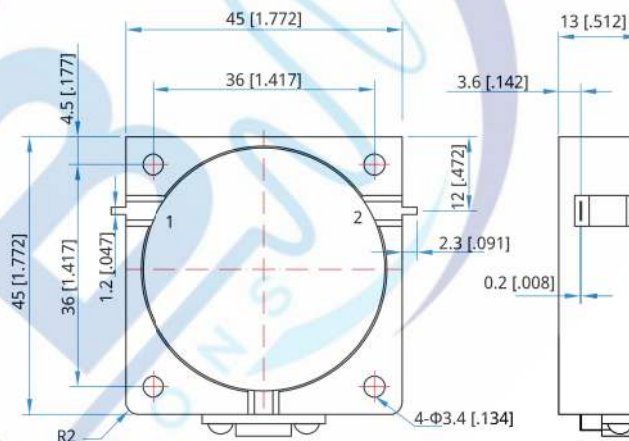
Description

NDI4545X series Drop-In Isolators cover frequency range 300~1100MHz. 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)
300~420	20	0.30	23.0	1.20	500	10~100	-30~+70
300~420	30	0.40	20.0	1.25	500	10~100	-30~+70
300~420	120	0.60	18.0	1.30	500	10~100	-30~+70
316~366	50	0.20	30.0	1.15	500	10~100	-30~+70
400~470	70	0.40	20.0	1.25	500	10~100	-30~+70
400~500	30	0.30	23.0	1.20	500	10~100	-30~+70
400~500	100	0.40	20.0	1.25	500	10~100	-30~+70
500~700	50	0.40	20.0	1.25	500	10~100	-30~+70
500~700	150	0.50	18.0	1.30	500	10~100	-30~+70
700~900	200	0.40	20.0	1.25	500	10~100	-30~+70
700~1000	300	0.50	18.0	1.30	500	10~100	-30~+70
800~1000	200	0.40	20.0	1.20	500	10~100	-30~+70
800~1100	300	0.50	18.0	1.30	500	10~100	-30~+70

Outline Drawings



Unit: mm [inch]

Tolerance: ±0.2mm [±0.008in]



NDI4545X

Mechanical

Size*1: 45*45*13mm
1.772*1.772*0.512in
Connector Type: Strip line
Mounting: 4-Φ3.4mm through-hole

[1] Exclude connectors and terminations.

How To Order

NDI4545X-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI4545X series Isolator, 300~420MHz, 100W,
specify NDI4545X-300-420-K1.

Customization is available upon request.



NDI5032X

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

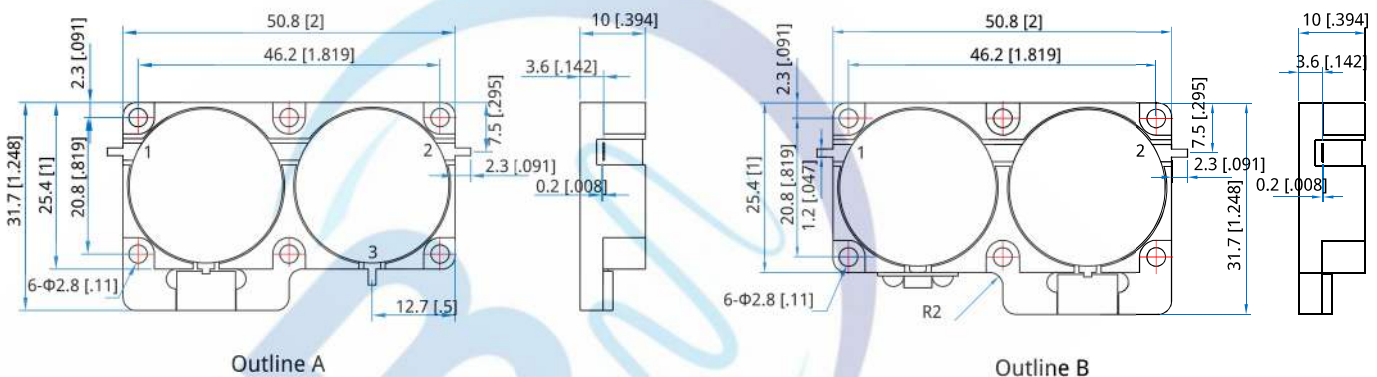
Description

NDI5032X series Drop-In Isolators cover frequency range 450~2700MHz. 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)
450~470	20	0.80	45.0	1.25	250	10~100	-30~+70
725~825	100	0.80	40.0	1.20	250	10~100	-30~+70
805~824	19	0.50	60.0	1.20	250	10~100	-30~+70
850~869	19	0.50	60.0	1.20	250	10~100	-30~+70
860~960	100	0.80	40.0	1.20	250	10~100	-30~+70
1800~2170	370	0.80	40.0	1.25	250	10~100	-30~+70
2110~2170	60	0.60	50.0	1.20	250	10~100	-30~+70
2300~2700	400	0.80	38.0	1.25	250	10~100	-30~+70

Outline Drawings



Unit: mm [inch]

Tolerance: ±0.2mm [±0.008in]

Mechanical

Size*: 50.8*31.7*10mm
2*1.248*0.394in

Connector Type: Strip line

Mounting: 6-Φ2.8mm through-hole

[1] Exclude connectors and terminations.

How To Order

NDIA5032X-X-Y-Z - Outline A

NDIB5032X-X-Y-Z - Outline B

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDIA5032X series Isolator, 450~470MHz, 100W, specify QDIA5032X-450-470-K1.

Customization is available upon request.

NDI5050A

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

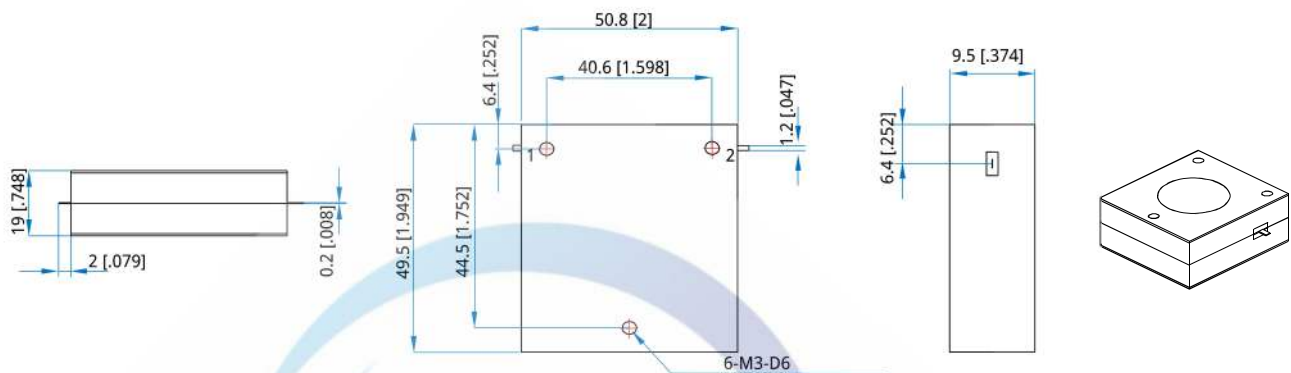
Description

NDI5050A series Drop-In Isolators cover frequency range 1500~3000MHz. 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)
1500~3000	1500	0.7	17.0	1.40	100	10~100	-10~+60

Outline Drawings



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

Mechanical

Size*1: 50.8*49.5*19mm
2*1.949*0.748in
Connector Type: Strip line
Mounting: 6-M3, depth 6mm

[1] Exclude connectors and terminations.

How To Order

NDI5050A-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI5050A series Isolator, 1500~3000MHz, 20W, specify NDI5050A-1500-3000-20.

Customization is available upon request.

NDI5050X

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

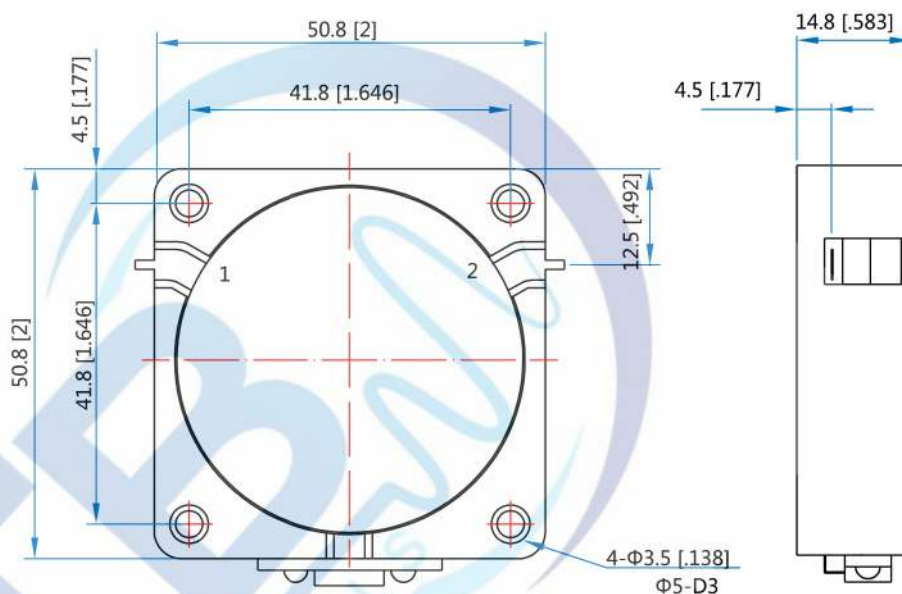
Description

NDI5050X series Drop-In Isolators cover frequency range 160~330MHz. 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)
160~200	10	0.70	18.0	1.30	500	10~100	-30~+70
192~232	40	0.60	18.0	1.30	500	10~100	-30~+70
200~220	20	0.40	20.0	1.25	500	10~100	-30~+70
220~240	20	0.40	23.0	1.20	500	10~100	-30~+70
260~330	10	0.20	18.0	1.30	500	10~100	-30~+70
260~330	70	0.40	20.0	1.25	500	10~100	-30~+70

Outline Drawings



Unit: mm [inch]

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



NDI5050X

Mechanical

Size*1:	50.8*50.8*14.8mm 2*2*0.583in
Connector Type:	Strip line
Mounting:	4- Φ 3.5mm through-hole Φ 5, depth 3mm

[1] Exclude connectors and terminations.

How To Order

NDI5050X-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI5050X series Isolator, 160~170MHz, 100W, specify NDI5050X-160-170-K1.

Customization is available upon request.



NDI6060H

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

Description

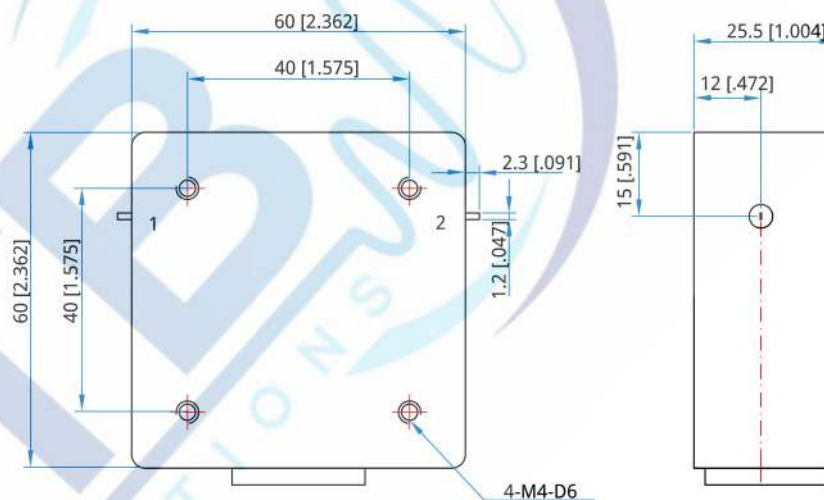
NDI6060H series Drop-In Isolators cover frequency range 20~400MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

Specifications

Frequency	Bandwidth	Insertion Loss	Isolation	VSWR	Fwd Power	Rev Power	Temperature
(MHz)	(MHz)	(dB Max.)	(dB Min.)	(Max.)	(W Max.)	(W)	(°C)
20~30	0	2.0	18.0	1.30	100	10~100	-20~70
30~80	0	1.20	20.0	1.25	100	10~100	-20~70
30~80	5	1.80	18.0	1.30	100	10~100	-20~70
88~108	20	0.60	20.0	1.25	100	10~100	-20~70
100~140	40	1.20	18.0	1.30	100	10~100	-20~70
108~118	10	0.50	20.0	1.20	100	10~100	-20~70
116~138	22	0.60	20.0	1.25	100	10~100	-20~70
130~180	50	0.60	20.0	1.25	100	10~100	-20~70
136~174	38	0.50	20.0	1.25	100	10~100	-20~70
150~170	20	0.40	20.0	1.20	100	10~100	-20~70
170~230	60	0.60	20.0	1.25	100	10~100	-20~70
225~400	175	0.80	18.0	1.30	100	10~100	-20~70

The size of the termination varies according to the reverse power

Outline Drawings

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



NDI6060H

Mechanical

Size*1:	60*60*25.5mm 2.362*2.362*1.004in
Connector Type:	Strip line
Mounting:	4-M4, depth 6mm

[1] Exclude connectors and terminations.

How To Order

NDI6060H-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI6060H series Isolator, 60~88MHz, 20W, specify NDI6060H-60-88-20.

Customization is available upon request.



NDI6466H

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

Description

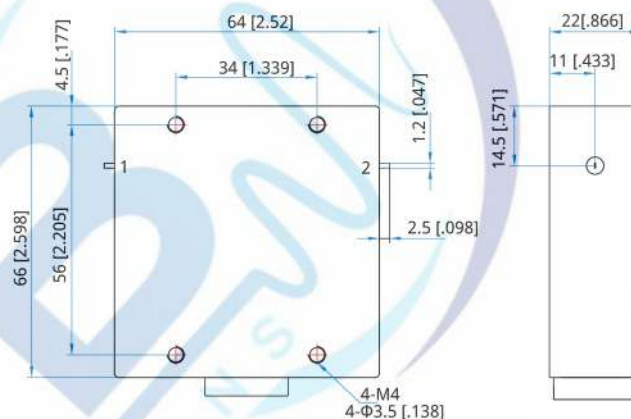
NDI6466H series Drop-In Isolators cover frequency range 20~400MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

Specifications

Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB Max.)	Isolation (dB Min.)	VSWR (Max.)	Fwd Power (W Max.)	Rev Power (W)	Temperature (°C)
20~30	0	2.0	18.0	1.30	100	10~100	-10~+60
30~80	0	1.20	20.0	1.25	100	10~100	-10~+60
30~80	5	1.80	18.0	1.30	100	10~100	-10~+60
88~108	20	0.60	20.0	1.25	100	10~100	-10~+60
100~140	40	1.20	18.0	1.30	100	10~100	-10~+60
116~138	22	1.20	18.0	1.30	100	10~100	-10~+60
130~180	50	0.60	20.0	1.25	100	10~100	-10~+60
136~174	38	0.60	20.0	1.25	100	10~100	-10~+60
150~170	20	0.60	20.0	1.25	100	10~100	-10~+60
170~230	60	0.60	20.0	1.25	100	10~100	-10~+60
225~400	175	0.80	18.0	1.30	100	10~100	-10~+60

The size of the termination varies according to the reverse power

Outline Drawings



Unit: mm [inch]

Tolerance: ±0.2mm [±0.008in]



NDI6466H

Mechanical

Size*1:	64*66*22mm 2.25*2.598*0.866in
Connector Type:	Strip line
Mounting:	4-Φ3.5mm through-hole 4-M4

[1] Exclude connectors and terminations.

How To Order

NDI6466H-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI6466H series Isolator, 30~40MHz, 20W, specify NDI6466H-30-40-20.

Customization is available upon request.



NDI6466K

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

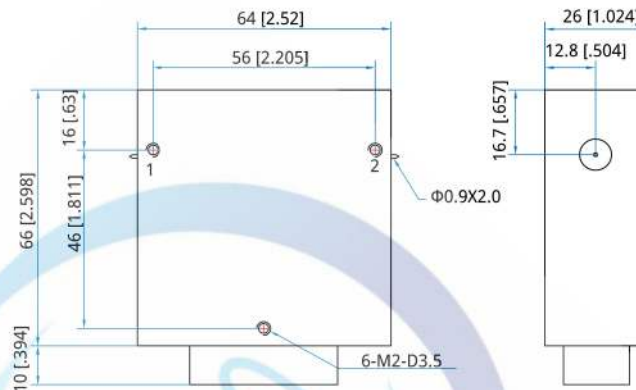
Description

NDI6466K series Drop-In Isolators cover frequency range 950~2000MHz. 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)
950-2000	1050	0.65	16.0	1.40	100	10~100	0~+60
1000-2000	1000	0.60	17.0	1.40	100	10~100	0~+60

Outline Drawings



Unit: mm [inch]

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

Mechanical

Size*1: 64*66*26mm
2.25*2.598*1.024in
Connector Type: Strip line
Mounting: 6-M2, depth 3.5mm

[1] Exclude connectors and terminations.

How To Order

NDI6466K-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI6466K series Isolator, 950~2000MHz, 20W, specify NDI6466K-950-2000-20.

Customization is available upon request.

NDI7070X

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

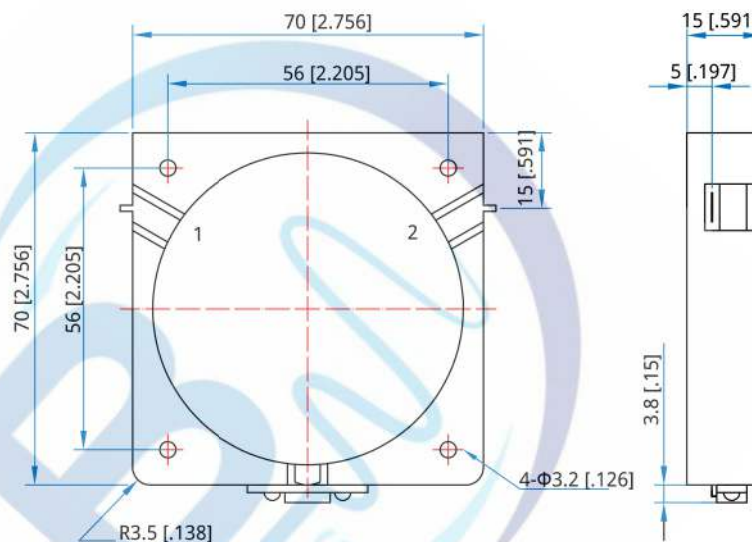
Description

NDI7070X series Drop-In Isolators cover frequency range 130~200MHz. 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)
130~160	2	0.50	20.0	1.25	500	10~100	-20~+70
130~160	5	0.60	18.0	1.30	500	10~100	-20~+70
150~180	30	0.60	18.0	1.30	500	10~100	-20~+70
160~200	10	0.40	23.0	1.20	500	10~100	-20~+70
160~200	30	0.50	20.0	1.25	500	10~100	-20~+70
160~190	30	0.50	10.0	1.25	500	10~100	-20~+70

Outline Drawings



Unit: mm [inch]

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



NDI7070X

Mechanical

Size*1:	70*70*15mm 2.756*2.756*0.591in
Connector Type:	Strip line
Mounting:	4-Φ3.2mm through-hole

[1] Exclude connectors and terminations.

How To Order

NDI7070X-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI7070X series Isolator, 180~200MHz, 20W, specify NDI7070X-180-200-20.

Customization is available upon request.



NDI0915D

High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

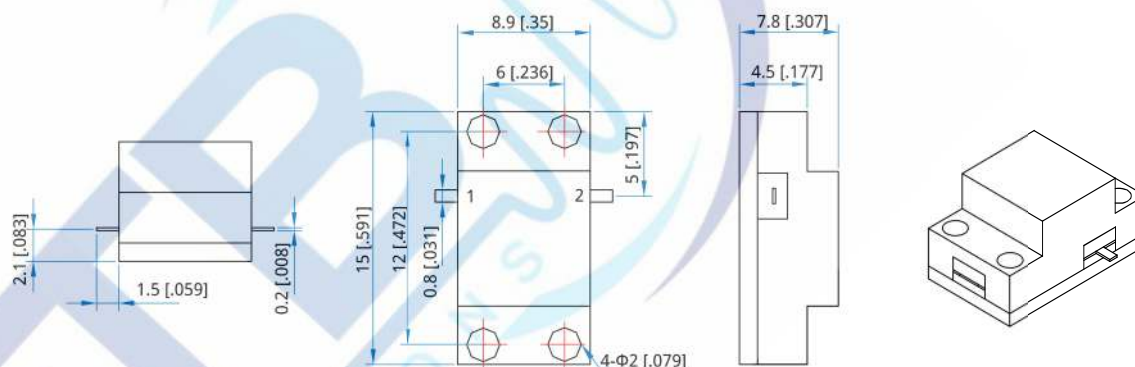
Description

NDI0915D series Drop-In Isolators cover frequency range 7~18GHz. 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)
7000~9000	2000	0.50	18.0	1.30	30	10	-30~+70
7700~8100	400	0.40	20.0	1.25	30	10	-30~+70
8000~10000	2000	0.40	18.0	1.30	30	10	-30~+70
8000~12000	4000	0.60	17.0	1.35	30	10	-30~+70
8300~8500	200	0.30	23.0	1.20	30	10	-30~+70
8900~9600	500	0.40	20.0	1.25	30	10	-30~+70
9200~9500	300	0.30	23.0	1.20	30	10	-30~+70
9500~10500	1000	0.40	20.0	1.25	30	10	-30~+70
10500~12500	2000	0.40	20.0	1.20	30	10	-30~+70
11000~14000	3000	0.60	18.0	1.35	30	10	-30~+70
12000~18000	6000	0.60	17.0	1.35	30	10	-30~+70
13700~14500	800	0.40	20.0	1.20	30	10	-30~+70
15000~15400	400	0.35	23.0	1.20	30	10	-30~+70
15700~16000	300	0.40	20.0	1.20	30	10	-30~+70

Outline Drawings



Unit: mm [inch]

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



NDI0915D

Mechanical

Size*1:	8.9*15*7.8mm 0.35*0.591*0.307in
Connector Type:	Strip line
Mounting:	4-Φ2mm through-hole

[1] Exclude connectors and terminations.

How To Order

NDI0915D-X-Y-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: Reverse Power in W

Examples:

To order a NDI0915D series Isolator, 7~9GHz, 10W, specify NDI0915D-7000-9000-10.

Customization is available upon request.

