

NDI4545X High Power, High Isolation

Features:

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

Applications:

- * Wireless
- * Radar
- * Laboratory Test

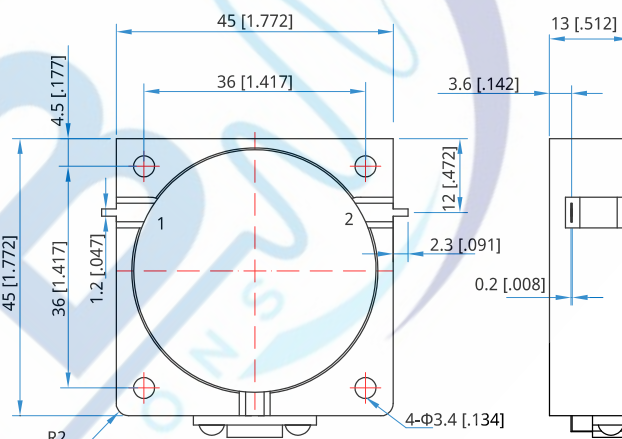
Description

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]



Drop-In Isolators

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.

