

# Lightning Guard for LAN Isolation Type

# NPL-1001

Nisshin-Electric's NPL-1001 is an Isolated LAN Lightning Guard. This product is equipped with a highly reliable isolation transformer. It is small, can be installed anywhere, does not require a ground connection, and is easy to install. This protects your equipment from abnormal voltages such as lightning surges from LAN cables.

## Features

- Supports 1000BASE-T, 100BASE-TX, 10BASE-T
- High-reliability design with high-voltage isolation transformer
- Compact and easy to install
- No ground connection required due to electrical isolation



## Specification

Item	Specification
Applicable Line	1000BASE-T, 100BASE-TX, 10BASE-T
Transmission Performance	Up to Category 5e
Impulse withstand voltage	Cable side - Device side 10kV at 10/700μs or 1.2/50μs
Dimensions / Weight	24(W) x 22(H) x 51(D)mm / About 20g

## Connection Example



LAN cable

Red Letters

Equipment to be protected

Note1: NPL-1001 cannot be used for LAN lines using PoE.

Note2: Please note that the specifications and other information in this catalog are subject to change without notice.

B3-H 01

Manufacturer

Contact Information



**NISSHIN ELECTRIC CO., LTD.**