

Model Name: NPE03GE

**Proprietary Passive PoE Gigabit Injector
with Ground Connector (External Type)**



Introduction

The NPE03GE Proprietary Passive Gigabit with ESD Protection PoE Adapter compliant with IEEE 802.3af/at standard. It is suitable for use with products that basically does support Power Over Ethernet and ESD ground cable. Support Overload current protection for the board and build in lightning arrester (7KV ESD) design. Simply connect the power source to the Adapter, and then use a Gigabit Ethernet cable to connect the Adapter to the device. The NPE03GE is a cost effective solution for deploying Gigabit PoE Wireless Access Points, VOIP Phones, and PoE IP Surveillance environments where the power sources are not readily available.

Highlight Features

- Compliant with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX and IEEE 802.3ab 1000Base-T
- Passive PoE (Compatible to 802.3af/at)
- Supports PoE Powered Device (PD) classification identify
- Overload Current Protection with built-in lightning arrester (7KV ESD)
- Supports LED Diagnostic LED
- Supports wall mounting and multiple units combination for easy to bundles organize the Ethernet cables

Hardware Specification

| Product | Proprietary Passive PoE Gigabit Injector with Ground Connector (External Type) |
|--------------------------------|---|
| Standard | IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3ab 1000Base-T Passive PoE (Compatible to 802.3af/at) |
| Network Media | 10BASE-T: UTP Cat. 3 or up 100BASE-TX : UTP Cat. 5 or up 1000BASE-T: UTP Cat. 5 or up |
| Data Transfer Rate | 10/100/1000Mbps (Half-duplex), 20/200/2000Mbps (Full-duplex) |
| PoE Type | Mid-span (Type-B): PIN 4/5,7/8 |
| Max PoE | 30Watt |
| Power Interface | DC Jack : DC In |
| Power Requirement | External Power Supply Input Voltage: 48 ~ 57Volt |
| Power Supply | Optional |
| ESD Protection | ESD 7KV External Grounding Cable (140mm/20AWG) |
| LED Definition | System: Power (Green) x1 <ul style="list-style-type: none">● Light On: Power on● Light Off: Power off |
| Temperature | Operating : 0° to 55° C Storage: -40° to 70° C |
| Humidity | 5% to 90% non-condensing |
| Dimension (W x D x H) | 41*54*23mm |
| Weight | 30g |
| Case of material | ABS |
| Certifications | TBD |

**Specifications can be negotiated separately according to needs.

Outline Drawing

