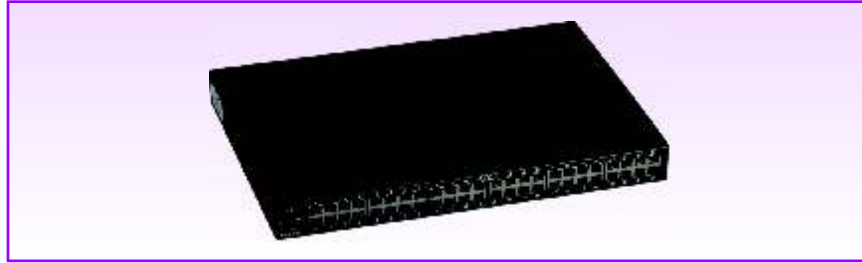


Power Over Ethernet (PoE)



Description

Digi-Link PoE simplifies the installation of network devices by providing power over the same UTP cable employed for Ethernet. By eliminating the need for an electrician to install an outlet near a powered device, PoE offers significant cost savings. Power Sourcing Equipment (or PSE, usually a PoE Midspan) can also be powered by an Uninterruptible Power Supply (UPS). This ensures power provision in the event of a sudden power loss. PoE equipment must comply with the IEEE 802.3af standard.

Power Sourcing Equipment supplies power to network equipment (44V to 57V output voltage at 350 MA and 15.4W of continuous minimum power over the voltage ranges). As soon as the PSE connects to network equipment, it determines whether it is a PoE or a non-PoE device. The PSE sends power only to PoE capable devices, also known as Powered Devices (PD).

Powered Device: A qualified PoE enabled device that provides the correct impedance and signature to the PSE describing the amount of power required.

The Cable Standard Compliant Cat 5e or better UTP cable.

Qualifications and Approvals

➤ **Standards**

Complies to IEEE 802.3af Power over Ethernet standards

➤ **LED Interface**

Two LED's are used for providing the port status and the connection status.

➤ **Cabling compliance**

Cat 5e compliant

➤ **Physical & Power**

Dimensions: 462 mm(L) x 250 mm (B) x 44(H) mm

Dimensions are of standard 1U height 19" rack mountable.

Power Input: The power supply present in MIDSPAN takes Input of 230V AC. and provides Output of 48V DC on 12/ 24 ports with PoE

Benefits and Features

- ✓ PoE technology brings efficiency and value-added flexibility to Ethernet-based communications by providing 48 volts of DC power and network connectivity to the end device.
- ✓ Remote management option allows easy online supervision and configuration using a web browser.
- ✓ Automatically detects PoE ready devices and supplies power. Independent overload and short-circuit protection for each channel.
- ✓ Supports either 6 or 24 ports in a 10/ 100/ 1000 Base-T Ethernet network, or 1 port in a 10/ 100 BASE-T network

Ordering Information

Part Code	Description
DPOE-12P	12 Port PoE Midspan Patch Panel
DPOE-24P	24 Port PoE Midspan Patch Panel

