BLACK BOX

In-Line Surge Protector, 1000BASE-T (RJ-45 8-Wire)

Get convenient in-line surge protection for your Gigabit RJ-45 connections.

Put avalanche diode
and thyristor protection
where you need it.

Specifications

Application: 10/100/1000BASE-T (CAT5, CAT5e and CAT6)

Ground Wire: Yes

Maximum Shunt Capacitance: <8 pF

Peak Pulse Current: 100 amps

Pins Protected: All

Protection Type: Avalanche diode and thyristor technology

Response Time: <5 ns

Standard Clamping Voltage: 7.5 volts

Connectors: (2) RJ-45 F

RoHS: Yes

Overview

This In-Line Surge Protector guards sensitive data networks against lightning-induced surges, AC power interference, electrostatic discharge, and ground loop energies.

What's included

• Gigabit In-Line Surge Protector

• CAT6 patch cable

• Specification sheet

Installation Steps

1. Disconnect the CAT5/CAT5e/CAT6 line from the equipment you wish to protect.

2. If the equipment you wish to protect is metal, plug the surge protector into the unit and attach the ground wire to the unit's chassis. If the unit is plastic, connect the ground wire to the electrical outlet ground for the unit.

3. Connect the network-side CAT5/CAT5e/CAT6 cable to the surge protector and connect the patch cable included with the surge protector between the surge protector and the equipment you are protecting.

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