BLACK BOX®
NETWORK SERVICES

TWINAX OR COAX SURGE PROTECTORS

Guard your expensive IBM® equipment against deadly electrical surges.

Key Features

▶ Perfect for IBM AS/400, System 3X, and 3270.

▶ Male or female connectors for direct installation at port.

▶ Includes state-of-the-art avalanche diode technology.

▶ Low shunt capacitance.

Protect your data network from lightning-induced surges, AC power interference, electrostatic discharge, and ground-loop energies with our Twinax and Coax Surge Protectors. These surge protectors protect outside twinax lines and host *and* terminal equipment, such as terminals, file servers, repeaters, and mainframes.

Available in M/F or F/F models, our Twinax Surge Protectors guard IBM® AS/400® and System 3X computers.

Use the Coax M/F Surge Protector to guard IBM 3270 and Ethernet equipment.

No matter which Surge Protector you choose, you'll get high-speed avalanche diode technology. Teamed with low-capacitance circuitry, this diode technology helps the Surge Protector function at a much greater bandwidth—without signal degradation. And each Surge Protector handles surges up to 1500 watts.

The Protectors are easy to install, too. Simply plug your cables into a Protector at each end of your system and ground them both.

Because each Protector features its own separate grounding wire, there's no need to add an additional ground connection to the shield or network ground point.

What's more, each Surge Protector is built to perform above the standard of IBM Specification Number 7362426.

Electrical Specifications

	SP524A	SP525A	SP350A-R2
Insertion Loss (db)	-0.5	-0.5	-0.5
Maximum Short Capacitance (pF)	<30	<30	<15
Peak Pulse Current μs waveform @Vci (amps)	103	103	132
Response Time (nanoseconds)	10	10	10
Series Resistance	none	none	none
Standard Clamp Voltage (Vp)	10	10	8

Call our expert Technical Support Staff for all your needs. *They'll help you find the best equipment* for your application

▼ Ordering Information

ITEM	CODE
Twinax or Coax Surge Protectors	
Twinax M/F	SP524A
Twinax F/F	SP525A
Coax M/F	SP350A-R2