



CAT6A Series

10 Gigabit Ethernet Surge Protection General Product Specifications

DITEK's CAT6A Surge Protective Devices (SPD's) are specifically designed for the demanding requirements of today's network infrastructure. They provide maximum protection for IP and PoE circuits transmitting video and/or data over CAT5e, CAT6 or CAT6A cable. The CAT6A Series products are suitable for use on data networks, IP Video cameras, Point of Sale Terminals, and any other piece of networked equipment. Now available with 110-to-RJ connections!



DTK-110RJC6APOE

Product Features

- Protects all four pairs
- Compatible with CAT5E, CAT6 and CAT6A circuits.
- Termination method:
 - DTK-110C6A / DTK-110C6APOE
110 Punch Down In/Out
 - DTK-110RJC6A / DTK-110RJC6APOE
110 Punch Down In, RJ45 Out
- Multi-stage, SAD technology, hybrid design provides the best possible protection
- Automatically resets to protect against multiple surges
- Ten Year Limited Warranty

Specifications

Agency Approvals: UL497B

Standards Compliance: CAT6A, TIA-568-C.2

Data rate: 10 Gigabit Ethernet

Max Continuous Current: 0.4A/pair

Protection Modes: Line-Ground (All)

Operating Temperature: -40°F - 158°F
(-40°C - 70°C)

Maximum Humidity: 95% non-condensing

Dimensions: 4.2" x 3.25" x 1.75"
(107mm x 83mm x 44mm)

Weight: 5.0 oz (141 g)

Housing: ABS

Performance Data

Model Number	Typical Service Voltage	Clamping Voltage	MCOV	Peak Surge Current (10/1000µs)
DTK-110C6A	0-12 Volts	21.6 Volts	18 Volts	100A/pair
DTK-110C6APOE	48 Volts	72 Volts	64 Volts	30A/pair
DTK-110RJC6A	0-12 Volts	21.6 Volts	18 Volts	100A/pair
DTK-110RJC6APOE	48 Volts	72 Volts	64 Volts	30A/pair

