



DTK-CAT6A Series 10 Gigabit Ethernet Surge Protectors

DITEK's DTK-CAT6A Series Surge Protectors are specifically designed for the demanding requirements of today's network infrastructure. Available with either 110-to-110 punch down or 110-to-RJ connections; they provide maximum protection for IP and PoE circuits transmitting video and/or data over CAT5e, CAT6 or CAT6A cabling. DITEK's CAT6A products are suitable for use on all network connected equipment.



Product Features

- UL497 Primary protector for communications circuits
- Available in 110 punch down In/Out or 110 In / Shielded RJ45 Female Out
- Compatible with CAT5E, CAT6 and CAT6A circuits
- Protects all four pairs
- SAD technology provides fast response time for optimal protection
- Automatically resets to protect against multiple surges

Applications

- Data Networks
- IP Video Cameras
- Point of Sale Terminals
- Wireless Access Points

Accessories

- DIN Rail Mounting Kit, p/n DTK-DRK

Technical Specifications

Part Numbers:	DTK-110C6A DTK-110RJ6A	DTK-110C6APOE DTK-110RJ6APOE
Service Voltage:	0-12V	48V
MCOV:	18V	64V
Clamping Voltage:	21.6V	72V
Protection Modes:	Common Mode (L-G)	
Surge Current Rating:	100A / Pair (10/1000 μs)	30A / Pair (10/1000 μs)
Max. Continuous Current:	1.6A / Port	
Power Handling:	19.2 Watts / Port	76.8 Watts / Port
Data Rate:	10 Gbps	

Mechanical Specifications

Connection Method:	110C6A/110C6APOE: 110-to-110 110RJ6A/110RJ6APOE: 110-to-RJ45
Housing:	ABS
Operating Temperature:	-40°F - 158°F (-40°C - 70°C)
Maximum Humidity:	95% non-condensing
Dimensions:	5.4" L x 3.3" W x 1.3" H (137 mm x 84 mm x 33 mm)
Weight:	7.2 oz (202 g)

Quality Standards & Approvals

Certifications:	UL497, UL497B
Standards Compliance:	CAT6A, TIA-568-C.2
Warranty:	10 Year Limited Warranty

