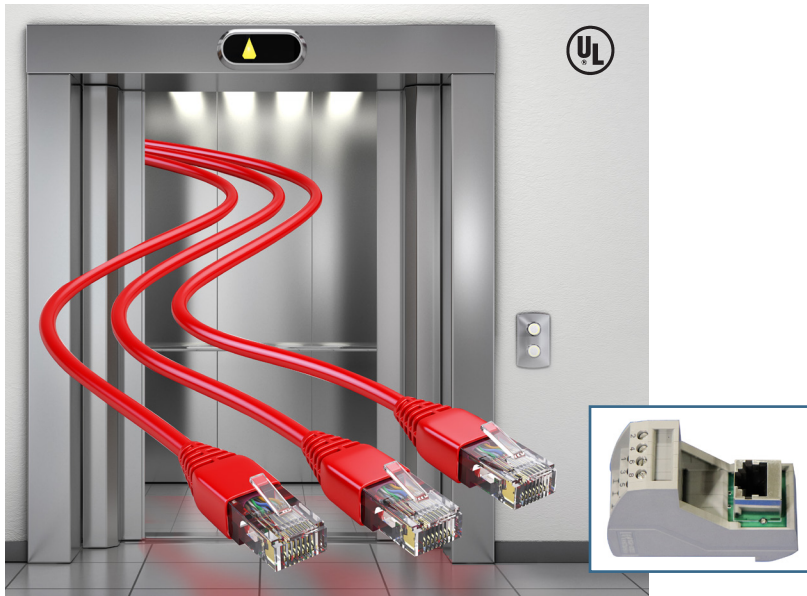


Unique Cat5e-Equivalent Traveling Cables Allow High Speed Ethernet in Elevators



Draka EHC delivers on the performance and application flexibility of Cat5e UTP with traveling data cables that meet NEC and ANSI standards.

Traditional Cat5e UTP cannot be used in a North American traveling cable due to the size of its solid copper conductor. However, Draka created specially-insulated 20 AWG stranded and shielded tinned copper conductors that provide Cat5e performance. These conductors can be built into certain cables and are terminated at each end with a Phoenix module that interfaces with a standard RJ-45 jack.

These unique conductors transmit up to 1 Gb/s signals over 328 ft • 100 meters, delivering Cat5e performance for a host of Ethernet devices such as video boards, cameras and emergency phones that can be quickly connected with standard RJ-45 jacks. Because of the shielding over the individual pairs, performance of up to 1 Gb/s is achieved.

Compact Phoenix modules (see picture above) are required at each end of the cable for proper Cat5e termination. These cables may be purchased cut-to-length, or with modules already attached at one or both ends.

These conductors are available in a stand-alone cable or can be engineered into a custom traveling cable that meets your needs.

APPROVALS

NEC Type ETT standards and meets ANSI/TIA/EIA-568-B performance criteria

FEATURES

- Emulates a 1 Gb/s Cat5e cable in connectivity and performance
- Built to stand the constant travel and flexing found in elevators
- Phoenix connectors at each end adapt to standard RJ-45 jacks for connection to any IP device
- Power over Ethernet (PoE) can be accommodated
- Ideal for low- to mid-rise buildings in new installations or modernization projects

CAT5e CONNECTORIZATION HARDWARE

Part Number	Description
CAT5E-1-END	Connectorization Kit – cable connectorized at one end, an additional module (2900701), double-sided tape, installation instructions
CAT5E-2-END	Connectorization Kit – cable connectorized at both ends, double-sided tape, installation instructions
CAT5E-KIT	For field installation – includes 2 Phoenix modules (2900701), double-sided tape, installation instructions

Please specify the part number of the Cat5e-equivalent travel cable you would like connectorized

CAT5e PERFORMANCE

Specification	Performance
Transmission Speeds	100BASE-TX (100 mb/s) 1000BASE-T (1000 mb/s)
Operating Temperature	+14° to +140° F • -10° to +60° C
Signal Protection	Individual pair shields protect against signal loss and crosstalk
Operating Distance*	Tested/verified to TIA/EIA-568-B standard length of 328 ft • 100 m
Standards	Meets the performance criteria of ANSI/TIA/EIA-568 Category 5e

* Cat5e transmission performance based on 100m standard
For extended transmission distances, see our fiber optic solutions

Draka EHC

A Brand of Prysmian Group

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