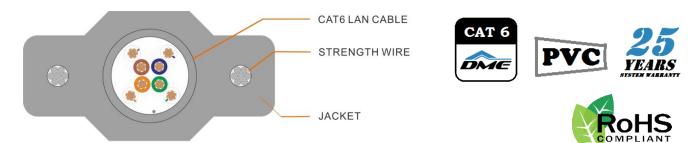


DME PROLINK Category 6 Unscreened Flat Elevator Cable with 2 Galvanized Steel Wire



Product Description

DME PROLINK CAT6 Elevator Cables provides overall electrical control with long suspension length and mechanical stress. Elevator cable consist of steel strength member which enables for long-range suspension application. DME PROLINK CAT 6 Elevator cable is one of its kind cable which mainly facilitates applications like CCTV surveillance in Elevators. DME PROLINK's Category 6 U/UTP elevator cables are manufactured and tested to the TIA/EIA 568.2-D, EN50173-1 and ISO/ IEC 11801-1 Category 6 specifications. *DME PROLINK*'s Category 6 U/UTP cable is designed for optimal support of High-Speed data protocols delivering 1 Gbps performance to the workstation. Each cable consists of 8 colour coded High Density polyethylene (HDPE) insulated conductors. Each conductors are twisted together to form 4 pairs with varying lengths. *DME PROLINK*'s CAT6 Elevator cable is designed for quick and easy installation where no special tools are required. CAT6 Unscreened Elevator cable is supplied in Drums.

Features & Benefits

- Performance exceeding Category 6 specifications of 250MHz
- Performance compliance to ISO/IEC 11801-1 and ANSI/TIA-568.2-D
- FR-PVC sheath
- 25 Years System Warranty

Supporting Applications

- 10G BASE-T (Length <30m)
- 1000BASE-T (Gigabit Ethernet)
- 100BASE-T (IEEE 802.3)
- 100BASE-VG-AnyLAN
- 100 Mbps TP-PMD (ANSI X3T9.5)
- 10BASE-T (IEEE 802.3)

Construction

CAT6 UTP Cable	
Conductor Material / Stranding	Stranded Bare Copper 7 x 0.20mm
Conductor Diameter	0.6 ± 0.05mm
Insulation Material / Outer Diameter	HDPE / 1.0 ± 0.05mm
Color Code	Pair1 : Brown & White with brown strip Pair2 : Blue & White with blue strip Pair3 : Green & White with green strip Pair4 : Orange & White with orange strip
Separator	No
Cable Jacket / Diameter	FR-PVC (Soft) / 5.5 ± 0.2mm
Strength Wire	
Steel Wire Material / Stranding / Diameter	2 Nos. Galvanized Steel Stranded Wires / 7 x 0.43mm / 1.29 \pm 0.05mm
Outer Jacket	
Material / Dimensions	FR-PVC (Soft) 13.3 ± 0.2mm (Length) 8.4 ± 0.2mm (Width Max) 3.8 ± 0.2mm (Width Min)
Sheath Color	Grey



Mechanical, Electrical & Environmental Characteristics

Rated temperature	75°C
Bend radius	20 x D
Operating temperature range:	-15 to +75°C
Jacket Tensile Strength before aging	10.0 N/mm2
Jacket Elongation before aging	≥ 300%
Characteristic Impedance @ 20 ± 5 °C (CAT6)	100 Ω/km ±15%
Conductor Resistance@ 20 ± 5 °C (CAT6)	≤ 98.3 Ω/km
Voltage (Pair to Pair)	150V
Voltage (Pair to Outer Jacket)	300V
Free Suspension Length	100m
Travelling Height	200m
Running Speed	Nom. 4m/s, Max. 8m/s
Recommended Loop Diameter	10D (84mm)
Acceleration	<1.2m/s
Fire Rating	PVC: EN 60332-1-2
RoHS Compliant	Compliant Directive 2011/65/EU

Part Number

D95-ECC6UU3FPGY Flat Elevator Cable, CAT6 with 2 Galvanized Steel Stranded Wire, U/UTP, 300m, FR-PVC Sheath, Grey

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