



USE OF CABLE

data cable for communication with a personal computer in the elevator car or for networking purposes according to CAT.7 specifications. Suitable in dry and humid rooms.



SPECIAL FEATURES

- very low attenuation
- doubled pair- and overall shield
- high crosstalk attenuation

REMARKS

- conform to RoHS
- due to the comparatively bigger cross section the transmission distance is increased
- Available accessory you'll find on pages 15.35.XX

PRODUCT INFORMATION

Conductor material:	Bare copper strand
Conductor class:	Acc. to DIN VDE 0295 class 5 resp. IEC 60228 cl. 5
Core insulation:	Special polyolefin
Core diameter:	Approx. 1,35 mm
Core identification:	White, yellow
Stranding:	2 cores twisted to a pair
Shield:	Plastic clad aluminium foil combined with tinned copper wrapping
Element sheath material:	Special thermoplastic compound
Element sheath colour:	White with black numerals 1-4
Overall stranding:	4 elements stranded with fillers
Supporting element:	2 steel support elements
Inner sheath material:	Special thermoplastic compound, violet
Outer sheath:	Halogen-free compound, black
Rated voltage:	30 V
Testing voltage:	C/c 1 kV - c/s 0,5 kV
Conductor resistance:	≤ 95 Ω / km
Insulation resistance:	≥ 500 MΩ x km
Capacity:	Nom. 43 pF / m
Characteristic impedance:	100 ± 5 Ω
Transfer rate:	CAT.7 acc.to DIN EN 50288-4-2
Attenuation:	27,8 dB / 100 m at 100 MHz
Min. bending radius moved:	15 x d
Operat. temp. moved min/max:	-20 °C / +60 °C
Burning behavior:	Self-extinguishing and flame retardant acc. to IEC 60332-2-1
Suspension height:	Max. 80 m
Tensile strength:	Max. 1.500 N

ITEM OVERVIEW

Product No.	Dimension [n x mm ²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
3001600	4 X 2 X 0,25 (AWG24/7)	12,0 X 15,9 - 13,0 X 17,1	77,00	375,00	black	V0: CAT.7 - H Auzugleitung / lift cable