ELEVATOR TRAVELLING CABLES
FH – Low Fire Hazard
Elevator travelling cable – High rise

PRODUCT INFORMATION

APPLICATION
Elevator travelling cable for indoor and panoramic elevators

INSTALLATION
Follow instructions in Datwyler manual for proper handling and installation
Suspension device: LZ 4001
Loop diameter: natural loop

CONSTRUCTION
Conductors: flexible bare Cu strands class 5 acc. to IEC/EN 60228
Insulation: low fire hazard compound
Pairs 0.75 mm²: PE, Al/PETP foil shield (FTP)
Optical fibres: multimode fibres G50/1 25 μm OM2
Support members: steel ropes, Ø 4.0 mm
Outer sheath: low fire hazard compound

MECHANICAL PROPERTIES
Free suspension length: max. 220 m
Travel speed: max. 12 m/s
Operating temperature: -15 to +70 °C
Overall dimension (approx.): 90.5 x 14.8 mm
Total weight (approx.): 1787 kg/km
Copper content: 522 kg/km

ELECTRICAL PROPERTIES
Rated voltage U0/U:
Cores 0.75 mm²: 300/500 V
Pairs 0.75 mm²: 300/300 V

PROPERTIES OF DATA ELEMENTS
Pairs 0.75 mm²: see type 6651/2-F
Optical fibres: see type GF-2314 (G50/125)

FIRE PERFORMANCE
Zero halogen: IEC 60754-2, EN 50267-2-2
Flame propagation: IEC/EN 60332-1-2
Flame spread: IEC/EN 60332-3-24 Cat. C
Smoke density: IEC/EN 61034-2

COLOUR CODE
Cores 0.75 mm²: black, white numbered 1-40, 2 green-yellow
Pairs 0.75 mm²: black, white numbered 1-24
Optical fibres: orange, black numbered 1-6
Outer sheath: black

STANDARD
With reference to EN 50214

<table>
<thead>
<tr>
<th>Article no.</th>
<th>Type</th>
<th>No./size of conductors</th>
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<tbody>
<tr>
<td>192342</td>
<td>8866-F</td>
<td>42 G 0.75 x 12 x 0.75 mm² (FTP) x 6 FO G50/125 μm</td>
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