

**FL – Low Fire Hazard**

Elevator travelling cable – Low rise



## PRODUCT INFORMATION

|                                    |   |   |
|------------------------------------|---|---|
| <b>APPLICATION</b>                 | Elevator travelling cable for indoor and panoramic elevators                |   |
| <b>INSTALLATION</b>                | Follow instructions in Datwyler manual for proper handling and installation |   |
|                                    | Suspension device:  | LZ 1009   |
|                                    | Loop diameter:  | natural loop  |
| <b>CONSTRUCTION</b>                | Conductors:   | flexible bare Cu strands class 5 acc. to IEC/EN 60228 |
|                                    | Insulation:   | low fire hazard compound                              |
|                                    | Pairs 0.34 mm <sup>2</sup> :  | PE, Al/PETP foil shield (FTP)                         |
|                                    | Support members:  | none  |
|                                    | Outer sheath:   | low fire hazard compound                              |
| <b>MECHANICAL PROPERTIES</b>       | Free suspension length:   | max. 45 m   |
|                                    | Travel speed:   | max. 4 m/s  |
|                                    | Operating temperature:  | -15 to +70 °C   |
|                                    | Overall dimension (approx.):  | 72.3 x 5.8 mm   |
|                                    | Total weight (approx.):   | 732 kg/km   |
|                                    | Copper content:   | 245 kg/km   |
| <b>ELECTRICAL PROPERTIES</b>       | Rated voltage U <sub>0</sub> /U:  |   |
|                                    | Cores 2.50 mm <sup>2</sup> :  | 450/750 V   |
|                                    | Cores 1.00 mm <sup>2</sup> :  | 300/500 V   |
|                                    | Pairs 0.34 mm <sup>2</sup> :  | 300/300 V   |
| <b>PROPERTIES OF DATA ELEMENTS</b> | Pairs 0.34 mm <sup>2</sup> :  | see type 7345-F                                       |
| <b>FIRE PERFORMANCE</b>            | Zero halogen:   | IEC 60754-2, EN 50267-2-2                             |
|                                    | Flame propagation:  | IEC/EN 60332-1-2                                      |
|                                    | Smoke density:  | IEC/EN 61034-2  |
| <b>COLOUR CODE</b>                 | Cores 2.50 mm <sup>2</sup> :  | black, white numbered 8-9, 1 green-yellow             |
|                                    | Cores 1.00 mm <sup>2</sup> :  | black, white numbered 1-7, 10-16                      |
|                                    | Pairs 0.34 mm <sup>2</sup> :  | white/brown, green/yellow, grey/pink, blue/red        |
|                                    | Outer sheath:   | black   |
| <b>STANDARD</b>                    | With reference to EN 50214  |   |

| Article no. | Type   | No./size of conductors                                    |
|-------------|--------|---|
| 182205      | 8827-F | 3 G 2.50 + 14 x 1.00 + 4 x 2 x 0.34 mm <sup>2</sup> (FTP) |