

## FL – PVC – unsupported, without Data Elements

Low rise - travelling height maximum 80m



Drawing according to article number 148779 - Type 6777-F



### Descrizione

Elevator suspension cable for indoor and panoramic elevators.

### Applicazione

To comply with the correct installation procedures please refer to the Datwyler installation manual which is available separately.

### Costruzione

|                    |         |
|--------------------|---------|
| Core flexible      | class 5 |
| Core insulation    | PVC     |
| Supporting members | none    |

### Proprietà generali

|                                |  |
|--------------------------------|--|
| Core                           | black, white numbered, G = with green-yellow core(s), JIF compliant types with different colours |
| Operating temperature          | -15 °C - +70 °C  |
| Colore della guaina esterna    | grigio   |
| Materiale della guaina esterna | PVC  |

### Proprietà elettriche

|                    |                    |
|--------------------|--------------------|
| Rated voltage Uo/U | according to table |
|--------------------|--------------------|

### Proprietà meccaniche

|                           |   |
|---------------------------|---|
| Acceleration              | 0,8 m/s <sup>2</sup>                      |
| Maximum free suspension   | 45 m                                      |
| Maximum running speed     | 4 m/s                                     |
| Maximum travelling height | 80 m                                      |
| Recommended loop diameter | according to table, tolerance -50/+100 mm |

### Standards

|  |          |
|--|----------|
| Standard per cavi flessibili di controllo dell'ascensore | EN 50214 |
|--|----------|

## Versioni

| Codice art. | Prodotto | Area sezione trasversale [n x mm <sup>2</sup> ] | Tensione nominale [V] | Loop [mm] | Suspension device | Design del cavo           | Supporting members | Elementi di dati | Dimensioni esterne | Tasso di CU [kg/km] | Weight [kg/km] | GTIN / EAN |
|-------------|----------|---|-----------------------|-----------|-------------------|---------------------------|--------------------|------------------|--------------------|---------------------|----------------|------------|
| 148775      | 6777-F   | 4 G 0.75  | 300/500               | 300       | LZ 1006           | 4 G 0.75 mm <sup>2</sup>  | none               | none             | 4.5 mm x 13.0 mm   | 29                  | 89             |            |
| 148776      | 6777-F   | 6 G 0.75  | 300/500               | 300       | LZ 1006           | 6 G 0.75 mm <sup>2</sup>  | none               | none             | 4.3 mm x 18.7 mm   | 43                  | 133            |            |
| 148777      | 6777-F   | 12 G 0.75                                       | 300/500               | 300       | LZ 1006           | 12 G 0.75 mm <sup>2</sup> | none               | none             | 4.3 mm x 34.0 mm   | 87                  | 250            |            |
| 155412      | 6777-F   | 16 G 0.75                                       | 300/500               | 300       | LZ 1006           | 16 G 0.75 mm <sup>2</sup> | none               | none             | 4.3 mm x 44.7 mm   | 115                 | 336            |            |
| 148779      | 6777-F   | 18 G 0.75                                       | 300/500               | 300       | LZ 1006           | 18 G 0.75 mm <sup>2</sup> | none               | none             | 4.3 mm x 49.3 mm   | 130                 | 375            |            |
| 148780      | 6777-F   | 20 G 0.75                                       | 300/500               | 300       | LZ 1009           | 20 G 0.75 mm <sup>2</sup> | none               | none             | 4.3 mm x 55.2 mm   | 144                 | 419            |            |
| 148833      | 6777-F   | 24 G 0.75                                       | 300/500               | 300       | LZ 1009           | 24 G 0.75 mm <sup>2</sup> | none               | none             | 4.3 mm x 65.6 mm   | 173                 | 501            |            |
| 185282      | 6488-F   | 40 x 0.75                                       | 300/500               | 450       | LZ 1009           | 40 x 0.75 mm <sup>2</sup> | none               | none             | 9.4 mm x 57.2 mm   | 309                 | 951            |            |
| 185283      | 6488-F   | 60 x 0.75                                       | 300/500               | 500       | LZ 1010           | 60 x 0.75 mm <sup>2</sup> | none               | none             | 10.5 mm x 79.9 mm  | 446                 | 1.445          |            |
| 148784      | 6777-F   | 12 G 1.00                                       | 300/500               | 300       | LZ 1006           | 12 G 1.00 mm <sup>2</sup> | none               | none             | 4.4 mm x 35.3 mm   | 115                 | 288            |            |
| 154005      | 6777-F   | 18 G 1.00                                       | 300/500               | 300       | LZ 1006           | 18 G 1.00 mm <sup>2</sup> | none               | none             | 4.4 mm x 51.1 mm   | 173                 | 426            |            |
| 148786      | 6777-F   | 20 G 1.00                                       | 300/500               | 300       | LZ 1009           | 20 G 1.00 mm <sup>2</sup> | none               | none             | 4.4 mm x 57.6 mm   | 192                 | 476            |            |
| 148814      | 6777-F   | 24 G 1.00                                       | 300/500               | 300       | LZ 1009           | 24 G 1.00 mm <sup>2</sup> | none               | none             | 4.4 mm x 68.4 mm   | 230                 | 574            |            |

Con riserva di modifiche tecniche

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