



Drawing according to part number 177 690 - Type 8666-F

Product information



| | | |
|------------------------------|---|--|
| Application | Elevator suspension cable for internal and panoramic elevators | |
| Installation | To comply with the correct installation procedures please refer to the Dynofil installation manual which is available separately. | |
| Construction | Core flexible | class 5 |
| | Core insulation | PVC |
| | Data elements | details according to page D-28/D-29 |
| | Supporting members | HTF = High tensile fibre ST = Steel, diameter in [mm] |
| | Outer sheath | PVC |
| Electrical properties | Rated voltage U ₀ /U | according to table |
| Mechanical properties | Free suspension length: | max. 80 |
| | Travelling height: | max. 150 m |
| | Running speed: | max. 6.3m/s |
| | Acceleration: | < 1.2 m/s ² |
| | Operating temperature: | -15 to +70 °C |
| | Recommended loop diameter: | according to table, Tolerance -50/+100mm |
| Colour code | In accordance with IEC 757 | |
| | Core: | black, white numbered, G = green-yellow |
| | Pair/quad: | various colours or black with white numbers |
| | Coax: | grey |
| | Outer sheath: | grey |
| Standard | EN 50214 | |

| Part no. | DKA type | Cross Sectional Area | Rated voltage | Overall dimensions approx. [w x t] | Data elements | Weight approx. | Copper Content | Supporting members | Loop | Suspension device | Standards |
|----------------|----------|---|--|------------------------------------|-----------------------|----------------|----------------|--------------------|------|-------------------|-----------|
| | | | | | | | | | | | |
| 165342 | 6599-F | 20 G 0.75 | 300/500 | 62.8 x 4.3 | none | 46.5 | 144 | HTF | 300 | LZ 1009 | EU |
| 165344 | 6599-F | 24 G 0.75 | 300/500 | 73.1 x 4.3 | none | 54.9 | 173 | HTF | 300 | LZ 1009 | EU |
| 156879 | 7770-F | 24 G 0.75 | 300/500 | 73.2 x 4.3 | none | 59.0 | 173 | ST Ø 2.5 | 400 | LZ 1009 | EU |
| 166618 | 6599-F | 18 G 1.00 | 300/500 | 58.6 x 4.4 | none | 47.3 | 173 | HTF | 300 | LZ 1009 | EU |
| 166505 | 6599-F | 24 G 1.00 | 300/500 | 75.4 x 4.4 | none | 63.0 | 230 | HTF | 300 | LZ 1009 | EU |
| G=green-yellow | | | | | | | | | | | |
| Part no. | DKA type | Cross Sectional Area | Rated voltage | Overall dimensions approx. [w x t] | Data elements | Weight approx. | Copper Content | Supporting members | Loop | Suspension device | Standards |
| | | | | | | | | | | | |
| 155 425 | 7757-F | 4 G 1.00 + 16 x 0.75 + 2 x 4 x 0.25 + 1 x 2 x 0.25 | 300/500 300/500 250/250 250/250 | 74.8 x 5.0 | 7067/2-F 7954/2-F | 65.9 | 187 | ST Ø 2.5 | 450 | LZ 1009 | EU |
| 176 877 | 6900-F | 6 G 1.50 + 6 x 1.00 + 4 x 0.50 | 450/750 300/500 300/300 | 53.0 x 6.4 | 6347/3-F | 59.6 | 173 | HTF | 400 | LZ 1006 | EU |
| 166 612 | 7500-F | 12 G 1.00 + HF 75 | 300/500 | 50.9 x 6.4 | HF-2120/1-F | 53.0 | 139 | HTF | 400 | LZ 1006 | EU |
| 177 690 | 8666-F | 12 G 1.00 + 4 x 0.34 | 300/500 300/300 | 50.9 x 6.4 | 8607-F | 52.5 | 142 | HTF | 400 | LZ 1006 | EU |
| 167 088 | 7757-F | 4 G 1.50 + 16 x 1.00 + 2 x 2 x 0.50 + 1 x 2 x 0.50 | 450/750 300/500 300/300 300/300 | 78.5 x 5.8 | 7067/2-F 7954/2-F | 84.3 | 250 | ST Ø 2.5 | 450 | LZ 1009 | EU |
| 168 190 | 8483-F | 4 G 1.50 + 16 x 1.00 + 3 x 2 x 0.50 | 300/500 300/500 300/500 | 79.7 x 6.1 | 7954/2-F | 89.6 | 275 | ST Ø 2.5 | 450 | LZ 1010 | EU |
| 167 018 | 8210-F | 2 x 1.50 + HF 75 + 8 x 2 x 0.50 | 450/750 | 54.1 x 7.1 | HF-2120/1-F 6651-F | 58.0 | 149 | HTF | 450 | LZ 1006 | EU |
| 168 191 | 8210-F | 4 x 1.50 + 2 HF 75 + 8 x 2 x 0.50 | 450/750 | 64.3 x 7.0 | HF-2120/1-F 6651-F | 71.6 | 201 | HTF | 450 | LZ 1009 | EU |
| 182 058 | 8820-F | 4 x 1.50 + 2 HF 75 + 8 x 2 x 0.50 | 450/750 | 64.3 x 7.0 | HF-2120/1-F 6651-F | 74.5 | 201 | ST Ø 2.5 | 500 | LZ 1009 | EU |
| 185 217 | 8210-F | 4 x 1.50 + 4 HF 75 + 8 x 2 x 0.50 | 450/750 | 72.8 x 7.0 | HF-2120/1-F 6651-F | 82.5 | 249 | HTF | 450 | LZ 1009 | EU |
| 168 185 | 8507-F | 12 x 2 x 0.50 | 300/300 | 54.1 x 5.6 | 6651-F | 44.9 | 147 | HTF | 400 | LZ 1006 | EU |
| 186 065* | 8854/3-H | 4 x 2 x 0.50 | 300/300 | 28.0 x 9.0 | 6651/3-H | 31.1 | 56 | ST Ø 2.5 | 450 | LZ 1006 | EU |
| 191 093 | 8512-F | 3 G 2.50 + 14 x 1.00 + 4 x 2 x 0.50 | 450/750 300/500 300/300 | 79.0 x 5.7 | 6651-F | 80.6 | 232 | ST Ø 2.5 | 400 | LZ 1009 | EU |

* Excellent performance for data exchange:
FaDEx - Fast Data Exchange cable - Field BUS (LON, CAN etc.),
transmission of digital-, analogue voice and data,
ISDN, Ethernet



* Recommendation for connection hardware:
Connection directly to RJ45 with WAGO connector,
article no. 289-175
"RJ45 Interface module CAT5 8 poles with
CAGE CLAMP connection"