




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
		[n x mm ²]	U ₀ /U [V]	[mm x mm]		[kg/100m]	[kg/km]		[mm]		
165342	6599-F	20 G 0.75	300/500	62.8 x 4.3	none	46.5	144	HTF	300	LZ 1009	
165344	6599-F	24 G 0.75	300/500	73.1 x 4.3	none	54.9	173	HTF	300	LZ 1009	
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	
166618	6599-F	18 G 1.00	300/500	58.6 x 4.4	none	47.3	173	HTF	300	LZ 1009	
166505	6599-F	24 G 1.00	300/500	75.4 x 4.4	none	63.0	230	HTF	300	LZ 1009	
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
		[n x mm ²]	U ₀ /U [V]	[mm x mm]		[kg/100m]	[kg/km]		[mm]		
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	

* 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"