

ELEVATOR TRAVELLING CABLES

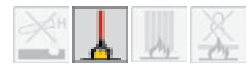
FM – PVC – supported

Mid rise - travelling height maximum 150 m



Drawing according to article number 177690 - Type 8666-F

PRODUCT INFORMATION



APPLICATION	Elevator suspension cable for indoor and panoramic elevators.	
INSTALLATION	To comply with the correct installation procedures please refer to the Datwyler installation manual which is available separately.	
CONSTRUCTION	Core flexible:	class 5
	Core insulation:	PVC
	Data elements:	details according to page 36/37
	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:	maximum 80 m
	Travelling height:	maximum 150 m
	Running speed:	maximum 6.3 m/s
	Acceleration:	< 1.2 m/s ²
	Operating temperature:	-15 to +70 °C
	Recommended loop diameter:	according to table, tolerance -50/+100 mm
COLOUR CODE	Core:	black, white numbered, G = with green-yellow core(s)
	Pair/quad:	various colours or black with white numbers
	Coax:	grey
	Outer sheath:	grey
STANDARD	 EN 50214	

Article no.	Type	Cross sectional area [n x mm ²]	Rated voltage U _o /U [V]	Overall dimensions approx. [w x h] [mm x mm]	Data elements	Weight approx. [kg/100m]	Copper content [kg/km]	Supporting members	Loop [mm]	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	
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	
155425	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	
176877	6900-F	6 G 1.50 + 6 x 1.00 + 1 x 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	
166612	7500-F	12 G 1.00 + 1 x CX 75 Ω	300/500	50.9 x 6.4	HF-2122-F	53.0	139	HTF	400	LZ 1006	
177690	8666-F	12 G 1.00 + 1 x 4 x 0.34	300/500 300/300	50.9 x 6.4	8607-F	52.5	142	HTF	400	LZ 1006	
167088	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	7954/2-F	84.3	250	ST Ø 2.5	450	LZ 1009	
168190	8483-F	4 G 1.50 + 16 x 1.00 + 3 x 2 x 0.50	450/750 300/500 300/500	79.7 x 6.1	7954/2-F	89.6	275	ST Ø 2.5	450	LZ 1010	
167018	8210-F	2 x 1.50 + 1 x CX 75 Ω + 8 x 2 x 0.50	450/750 300/300	54.1 x 7.1	HF-2122-F 6651-F	58.0	149	HTF	450	LZ 1006	
168191	8210-F	4 x 1.50 + 2 x CX 75 Ω + 8 x 2 x 0.50	450/750 300/300	64.3 x 7.0	HF-2122-F 6651-F	71.6	201	HTF	450	LZ 1009	
182058	8820-F	4 x 1.50 + 2 x CX 75 Ω + 8 x 2 x 0.50	450/750 300/300	64.3 x 7.0	HF-2122-F 6651-F	74.5	201	ST Ø 2.5	500	LZ 1009	
185217	8210-F	4 x 1.50 + 4 x CX 75 Ω + 8 x 2 x 0.50	450/750 300/300	72.8 x 7.0	HF-2122-F 6651-F	82.5	249	HTF	450	LZ 1009	
168185	8507-F	12 x 2 x 0.50	300/300	54.1 x 5.6	6651-F	44.9	147	HTF	400	LZ 1006	
192360	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	
191093	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	
192453	8884-F	8 x 0.75 + 4 x FO G50/125	300/500	40.8 x 4.3	GF-2314	30.2	58	ST Ø 2.5	400	LZ 1006	

G = with green-yellow core(s)