

FM – PVC – supported

Mid rise - travelling height maximum 150m



Drawing according to article number 177690 - Type 8666-F



Description

Elevator suspension cable for indoor and panoramic elevators.

Application

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
Outer sheath colour	grey
Outer sheath material	PVC
Supporting members	HTF = High tensile fibre, ST = Steel, diameter in [mm]

General Properties

Coax	grey
Core	black, white numbered, G = with green-yellow core(s)
Operating temperature	-15 °C - +70 °C
Pair/quad	various colours or black with white numbers

Electrical properties

Rated voltage U ₀ /U	according to table
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Mechanical properties

Acceleration	1.2 m/s ²
Maximum free suspension	80 m
Maximum running speed	3.0 m/s
Maximum travelling height	150 m
Recommended loop diameter	according to table, tolerance -50/+100 mm

Standards

Standard for flexible lift control cables	EN 50214
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Versions



Material number	Product	Cross sectional area [n x mm ²]	Rated voltage [V]	Loop [mm]	Suspension device	Supporting members	Data elements	Outer sheath colour	Outer dimensions	CU rate [kg/km]	Weight [kg/km]
165344	6599-F	24 G 0.75	300/500	300	LZ 1009	HTF	none	grey	4.3 mm x 73.1 mm	173	548
156879	7770-F	24 G 0.75	300/500	400	LZ 1009	ST Ø 2.5	none	grey	4.3 mm x 73.2 mm	173	582
176877	6900-F	6 G 1.50 6 x 1.00	450/750 300/500	400	LZ 1006	HTF	1 x 6347/3-F	grey	6.4 mm x 53.0 mm	173	567
166612	7500-F	12 G 1.00	300/500	400	LZ 1006	HTF	1 x HF-2122-F	grey	6.4 mm x 50.9 mm	139	516
177690	8666-F	12 G 1.00	300/500	400	LZ 1006	HTF	1 x 8607-F	grey	6.4 mm x 50.9 mm	142	522
167018	8210-F	2 x 1.50	450/750	450	LZ 1006	HTF	1 x HF-2122-F + 8 x 6651-F	grey	7.1 mm x 54.1 mm	149	565
168191	8210-F	4 x 1.50	450/750	450	LZ 1009	HTF	2 x HF-2122-F + 8 x 6651-F	grey	7.0 mm x 64.3 mm	201	640
182058	8820-F	4 x 1.50	450/750	500	LZ 1009	ST Ø 2.5	2 x HF-2122-F + 8 x 6651-F	grey	7.0 mm x 64.3 mm	201	723
192360	8854/3-H			450	LZ 1006	ST Ø 2.5	4 x 6651/3-H	grey	9.0 mm x 28.0 mm	56	442
191093	8512-F	3 G 2.50 14 x 1.00	450/750 300/500	400	LZ 1009	ST Ø 2.5	4 x 6651-F	grey	5.7 mm x 79.0 mm	232	802
168185	8507-F			400	LZ 1006	HTF	12 x 6651-F	grey	5.6 mm x 54.1 mm	147	445
192453	8884-F	8 x 0.75	300/500	400	LZ 1006	ST Ø 2.5	4 x GF-2314	grey	4.3 mm x 40.8 mm	58	301

Subject to technical modification

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