

FL – PVC – unsupported, without Data Elements

Low rise - travelling height maximum 80m



Drawing according to article number 148779 – Type 6777-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	none

General Properties

Core	black, white numbered, G = with green-yellow core(s), JIF compliant types with different colours
Operating temperature	-15 °C - +70 °C

Electrical properties

Rated voltage U ₀ /U	according to table
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Mechanical properties

Acceleration	0.8 m/s ²
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 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]
148775	6777-F	4 G 0.75	300/500	300	LZ 1006	none	none	grey	4.5 mm x 13.0 mm	29	89
148776	6777-F	6 G 0.75	300/500	300	LZ 1006	none	none	grey	4.3 mm x 18.7 mm	43	133
148777	6777-F	12 G 0.75	300/500	300	LZ 1006	none	none	grey	4.3 mm x 34.0 mm	87	250
155412	6777-F	16 G 0.75	300/500	300	LZ 1006	none	none	grey	4.3 mm x 44.7 mm	115	336
148779	6777-F	18 G 0.75	300/500	300	LZ 1006	none	none	grey	4.3 mm x 49.3 mm	130	375
148780	6777-F	20 G 0.75	300/500	300	LZ 1009	none	none	grey	4.3 mm x 55.2 mm	144	419
148833	6777-F	24 G 0.75	300/500	300	LZ 1009	none	none	grey	4.3 mm x 65.6 mm	173	501
185282	6488-F	40 x 0.75	300/500	450	LZ 1009	none	none	grey	9.4 mm x 57.2 mm	309	951
185283	6488-F	60 x 0.75	300/500	500	LZ 1010	none	none	grey	10.5 mm x 79.9 mm	446	1,445
148784	6777-F	12 G 1.00	300/500	300	LZ 1006	none	none	grey	4.4 mm x 35.3 mm	115	288
154005	6777-F	18 G 1.00	300/500	300	LZ 1006	none	none	grey	4.4 mm x 51.1 mm	173	426
148786	6777-F	20 G 1.00	300/500	300	LZ 1009	none	none	grey	4.4 mm x 57.6 mm	192	476
148814	6777-F	24 G 1.00	300/500	300	LZ 1009	none	none	grey	4.4 mm x 68.4 mm	230	574

Subject to technical modification

As of 2020-12-15 10:02:46