

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
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
Outer sheath colour	grey
Outer sheath material	PVC

Electrical properties

Rated voltage U _o /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	Cable design	Supporting members	Data elements	Outer dimensions (HxWxD)	CU rate [kg/km]	Weight [kg/km]	GTIN / EAN
148775	6777-F	4 G 0.75	300/500	300	LZ 1006	4 G 0.75 mm ²	none	none	4.5 mm x 13.0 mm	29	89	
148776	6777-F	6 G 0.75	300/500	300	LZ 1006	6 G 0.75 mm ²	none	none	4.3 mm x 18.7 mm	43	133	
148777	6777-F	12 G 0.75	300/500	300	LZ 1006	12 G 0.75 mm ²	none	none	4.3 mm x 34.0 mm	87	250	
155412	6777-F	16 G 0.75	300/500	300	LZ 1006	16 G 0.75 mm ²	none	none	4.3 mm x 44.7 mm	115	336	
148779	6777-F	18 G 0.75	300/500	300	LZ 1006	18 G 0.75 mm ²	none	none	4.3 mm x 49.3 mm	130	375	
148780	6777-F	20 G 0.75	300/500	300	LZ 1009	20 G 0.75 mm ²	none	none	4.3 mm x 55.2 mm	144	419	
148833	6777-F	24 G 0.75	300/500	300	LZ 1009	24 G 0.75 mm ²	none	none	4.3 mm x 65.6 mm	173	501	
185282	6488-F	40 x 0.75	300/500	450	LZ 1009	40 x 0.75 mm ²	none	none	9.4 mm x 57.2 mm	309	951	
185283	6488-F	60 x 0.75	300/500	500	LZ 1010	60 x 0.75 mm ²	none	none	10.5 mm x 79.9 mm	446	1,445	
148784	6777-F	12 G 1.00	300/500	300	LZ 1006	12 G 1.00 mm ²	none	none	4.4 mm x 35.3 mm	115	288	
154005	6777-F	18 G 1.00	300/500	300	LZ 1006	18 G 1.00 mm ²	none	none	4.4 mm x 51.1 mm	173	426	
148786	6777-F	20 G 1.00	300/500	300	LZ 1009	20 G 1.00 mm ²	none	none	4.4 mm x 57.6 mm	192	476	
148814	6777-F	24 G 1.00	300/500	300	LZ 1009	24 G 1.00 mm ²	none	none	4.4 mm x 68.4 mm	230	574	

Subject to technical modification

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