

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
Data elements:	none
Supporting members:	none
Outer sheath:	PVC

ELECTRICAL PROPERTIES

Rated voltage Uo/U: according to table

MECHANICAL PROPERTIES

Free suspension length:	maximum 45 m
Travelling height:	maximum 80 m
Running speed:	maximum 4 m/s
Acceleration:	< 0.8 m/s ²
Operating temperature:	-15 to +70 °C
Recommended loop diameter:	according to table, tolerance -50/+100 mm

COLOUR CODE

black, white numbered,
 G = with green-yellow core(s),
 JIF compliant types with different colours

STANDARDS

Sheath colour: grey
 Standards: EN 50214

VERSIONS

Article No.	Product	Cu rate [kg/km]	Rated voltage [V]	Suspension device	Loop [mm]	Standards	Supporting members	Cross sectional area [n x mm ²]	Weight [kg/100m]	Data elements	Overall dimensions [mm x mm]
148775	6777-F	29	300/500	LZ 1006	300	EN 50214	none	4 G 0.75	8.9	none	13.0 x 4.5
148776	6777-F	43	300/500	LZ 1006	300	EN 50214	none	6 G 0.75	13.3	none	18.7 x 4.3
148777	6777-F	87	300/500	LZ 1006	300	EN 50214	none	12 G 0.75	25	none	34.0 x 4.3
155412	6777-F	115	300/500	LZ 1006	300	EN 50214	none	16 G 0.75	33.6	none	44.7 x 4.3
148779	6777-F	130	300/500	LZ 1006	300	EN 50214	none	18 G 0.75	37.5	none	49.3 x 4.3
148780	6777-F	144	300/500	LZ 1009	300	EN 50214	none	20 G 0.75	41.9	none	55.2 x 4.3
148833	6777-F	173	300/500	LZ 1009	300	EN 50214	none	24 G 0.75	50.1	none	65.6 x 4.3
185282	6488-F	309	300/500	LZ 1009	450	EN 50214	none	40 x 0.75	95.1	none	57.2 x 9.4
185283	6488-F	446	300/500	LZ 1010	500	EN 50214	none	60 x 0.75	144.5	none	79.9 x 10.5

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148784	6777-F	115	300/500	LZ 1006	300	EN 50214	none	12 G 1.00	28.8	none	35.3 x 4.4
154005	6777-F	173	300/500	LZ 1006	300	EN 50214	none	18 G 1.00	42.6	none	51.1 x 4.4
148786	6777-F	192	300/500	LZ 1009	300	EN 50214	none	20 G 1.00	47.6	none	57.6 x 4.4
148814	6777-F	230	300/500	LZ 1009	300	EN 50214	none	24 G 1.00	57.4	none	68.4 x 4.4