

# 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 U<sub>0</sub>/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 <sup>2</sup>
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 <sup>2</sup> ]	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	13.6	none	18.7 x 4.3
148777	6777-F	87	300/500	LZ 1006	300	EN 50214	none	12 G 0.75	25.8	none	34.0 x 4.3
155412	6777-F	115	300/500	LZ 1006	300	EN 50214	none	16 G 0.75	34.2	none	44.7 x 4.3
148779	6777-F	130	300/500	LZ 1006	300	EN 50214	none	18 G 0.75	38.0	none	49.3 x 4.3

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148780	6777-F	144	300/500	LZ 1009	300	EN 50214	none	20 G 0.75	42.5	none	55.2 x 4.3
148833	6777-F	173	300/500	LZ 1009	300	EN 50214	none	24 G 0.75	50.9	none	65.6 x 4.3
185282	6488-F	309	300/500	LZ 1009	450	EN 50214	none	40 x 0.75	94.8	none	57.2 x 9.4
185283	6488-F	446	300/500	LZ 1010	500	EN 50214	none	60 x 0.75	145.7	none	79.9 x 10.5
148784	6777-F	115	300/500	LZ 1006	300	EN 50214	none	12 G 1.00	29.2	none	35.3 x 4.4
154005	6777-F	173	300/500	LZ 1006	300	EN 50214	none	18 G 1.00	43.2	none	51.1 x 4.4
148786	6777-F	192	300/500	LZ 1009	300	EN 50214	none	20 G 1.00	48.3	none	57.6 x 4.4
148814	6777-F	230	300/500	LZ 1009	300	EN 50214	none	24 G 1.00	57.8	none	68.4 x 4.4