

FL – Low Fire Hazard – unsupported
 Low rise - travelling height maximum 80m



Drawing according to article number 191113 - Type 8582-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: low fire hazard
 Data elements: Please find our detailed interactive product overview [here](#).
 Supporting members: none
 Outer sheath: low fire hazard

ELECTRICAL PROPERTIES

Rated voltage U₀/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/s²
 Operating temperature: -15 to +70 °C
 Recommended loop diameter: according to table, tolerance -50/+100 mm

COLOUR CODE

Core: black, white numbered,
 G = with green-yellow core(s)
 Pair/quad: various colours or black with white numbers
 Coax: black

STANDARDS

Sheath colour: black
 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]
191110	8511-F	87	300/500	LZ 1006	300	EN 50214	none	12 G 0.75	26.0		34.3 x 4.4
185125	8511-F	130	300/500	LZ 1006	300	EN 50214	none	18 G 0.75	38.4		49.4 x 4.4
191112	8511-F	173	300/500	LZ 1009	300	EN 50214	none	24 G 0.75	51.4		66.7 x 4.4

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191111	8636-F	123	300/500 300/300	LZ 1006	400	EN 50214	none	12 G 0.75 + 3 x 2 x 0.50	42.7	6651-F	47.4 x 5.4
182205	8827-F	244	450/750 300/500 300/300	LZ 1009	400	EN 50214	none	3 G 2.50 + 14 x 1.00 + 4 x 2 x 0.34	75.4	7345-F	72.3 x 5.8
191113	8582-F	306	300/500 300/300	LZ 1010	400	EN 50214	none	24 G 1.00 +3 x 2 x 0.75 + 1 x CX 75 Ω	97.4	6651-F HF-2123-F	87.3 x 6.5
190491	8582-F	149	450/750 300/300	LZ 1006	450	EN 50214	none	2 x 1.50 + 8 x 2 x 0.50 + 1 x CX 75 Ω	54.0	6651-F HF-2123-F	47.8 x 7.1