

**FH – Low Fire Hazard – supported**  
 High rise - travelling height maximum 400m



Drawing according to article number 185126 - Type 8585-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: ST = Steel, diameter in [mm]  
 Outer sheath: low fire hazard

**ELECTRICAL PROPERTIES**

Rated voltage Uo/U: according to table

**MECHANICAL PROPERTIES**

Free suspension length: maximum 220 m  
 Travelling height: maximum 400 m  
 Running speed: maximum 12 m/s  
 Acceleration: < 1.2 m/s<sup>2</sup>  
 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

**STANDARDS**

Sheath colour: black  
 Standards: EN 50214

**VERSIONS**

Article No.	Product	Cross sectional area [n x mm <sup>2</sup> ]	Rated voltage [V]	Overall dimensions [mm x mm]	Data elements	Weight [kg/100m]	Cu rate [kg/km]	Supporting members	Loop [mm]	Suspension device	Standards
185126	8585-F	30 G 1.00 + 1 x 4 x 0.34	300/500 300/300	61.8 x 9.7	8607-F	106.8	335	ST Ø 2.5	550	LZ 4001	EN 50214
192313	8880-F	12 G 0.75 + 24 x 2 x 0.75 + 1 x CX 75 Ω	300/500 300/300	98.5 x 14.5	6651/2-F HF-2123-F	188.3	532	ST Ø 4.0	550	LZ 4001	EN 50214