

## FH Module Concept – Low Fire Hazard

High rise - travelling height maximum 400m



Drawing according to article number 191114 - Type 8859-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
Outer sheath colour	black
Outer sheath material	low fire hazard
Supporting members	ST = Steel, diameter in [mm]

### General Properties

Bundle	with black sheath
Coax	black
Core	black, white numbered, G = with green-yellow core(s)
Operating temperature	-15 °C - +70 °C
Optical fibres	orange 50 Mm, grey 62.5 Mm
Pair/quad	various colours or black with white numbers,

### Electrical properties

Rated voltage U <sub>0</sub> /U	according to table
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### Mechanical properties

Acceleration	1.2 m/s <sup>2</sup>
Maximum free suspension	220 m
Maximum running speed	12 m/s
Maximum travelling height	400 m
Recommended loop diameter	approx. 650 mm, tolerance -50/+150 mm

### Standards

Standard for flexible lift control cables	EN 50214
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## Versions

Material number	Product	Outer sheath colour	CU rate [kg\km]	Weight [kg\km]
191114	8859-F	black	698	1,929
191483	8866-F	black	616	2,184

Subject to technical modification

As of 2020-12-15 10:04:13