

# 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
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)
Optical fibres	orange 50 Mm, grey 62.5 Mm
Pair/quad	various colours or black with white numbers,
Operating temperature	-15 °C - +70 °C
Outer sheath colour	black
Outer sheath material	low fire hazard

## Electrical properties

Rated voltage Uo/U	according to table
--------------------	--------------------

## 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

## Versions

Material number	Product	Cable design	CU rate [kg/km]	Weight [kg/km]	GTIN / EAN
191114	8859-F	12 G 2.00 + 30 x 1.00 + 7 x 2 x 0.50 (FTP) + 3 x 4 x 0.50 mm <sup>2</sup> (STQ)	698	1,929	40393910069679
191483	8866-F	10 G 2.50 + 7 x 1.50 + 6 x 1.00 + 12 x 2 x 0.75 mm <sup>2</sup> (FTP) + 4 FO G50/125 µm	616	2,184	40393910069297

Subject to technical modification

As of 2021-08-05 08:33:41