

## FH Module Concept – PVC

High rise - travelling height maximum 400m



Drawing according to article number 185372 - Type 8847-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
Supporting members	ST = Steel, diameter in [mm]

### General properties

Coax	grey
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	grey
Outer sheath material	PVC

### 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. 600 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
184646	8847-F	5 G 2.50 + 7 x 1.50 + 16 x 1.00 + 4 x 2 x 0.75 mm <sup>2</sup> (FTP) + 2 FO G50/125 + 2 FO G62.5/125 μm	448	1,439	40393910077421
185372	8847-F	10 G 2.50 + 18 x 1.00 + 12 x 2 x 0.75 mm <sup>2</sup> (FTP) + 2 FO G62.5/125 μm	629	1,938	40393910077094
186276	8858-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	1,985	40393910076141
188337	8680-F	10 G 2.50 + 20 x 1.00 + 4 x 2 x 0.75 mm <sup>2</sup> (FTP)	513	1,577	40393910072402

Subject to technical modification

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