

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
Outer sheath colour	grey
Outer sheath material	PVC
Supporting members	ST = Steel, diameter in [mm]

General Properties

Coax	grey
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 Uo/U	according to table
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Mechanical properties

Acceleration	1.2 m/s ²
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
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Versions

Material number	Product	Outer sheath colour	CU rate [kg/km]	Weight [kg/km]
184646	8847-F	grey	448	1,439
185372	8847-F	grey	629	1,938
186276	8858-F	grey	698	1,985
188337	8680-F	grey	513	1,577

Subject to technical modification

As of 2020-12-15 10:04:49