




Drawing according to part number 191 114 - Type 8859-F

Product information



Application	Elevator suspension cable for internal and panoramic elevators	
Installation	To comply with the correct installation procedures please refer to the Dynofil installation manual which is available separately.	
Construction	Core flexible	class 5
	Core insulation	low fire hazard
	Data elements	details according to page D-36/D-37
	Supporting members	ST = Steel, diameter in [mm]
	Outer sheath	low fire hazard
Electrical properties	Rated voltage U _o /U	according to table
Mechanical properties	Free suspension length:	max. 220
	Travelling height:	max. 400 m
	Running speed:	max. 12 m/s
	Acceleration:	< 1.2 m/s ²
	Operating temperature:	-15 to +70 °C
	Recommended loop diameter:	approx. 650 mm, Tolerance -50/+150mm
Suspension device	LZ 4001	
Colour code	Core:	black, white numbered, G = green-yellow
	Pair/quad:	various colours or black with white numbers, bundle with black sheath
	Coax:	black
	Optical fibres:	orange 50 µm, grey 62.5 µm
	Outer sheath:	black
Standard		EN 50214

Part no.	DKA type	Cross Sectional Area	Rated voltage	Bundle type p. D-13	No. of elements	Data elements	Overall dimensions approx. [w x t]	Supporting members	Weight approx.	Copper content	Standards
		[n x mm ²]	U ₀ /U [V]				[mm x mm]		[kg/100m]	[kg/km]	
191 114	8859-F	12 G 2.00 + 30 x 1.00 + 7 x 2 x 0.50 + 3 x 4 x 0.50	450/750 300/500 300/300 300/300	M4, M2, M15, M2, M14, M2, M4	7	6651/2-F 6347/3-F	90.7 x 14.0	ST Ø 4.0	199.8	698	
191 483	8866-F	10 G 2.50 + 7 x 1.50 + 6 x 1.00 + 12 x 2 x 0.75 + 4 x FO 50/125	450/750 450/750 300/500 300/300	M3 M5, M9 M5, M9 M11, M9	7	6651/2-F GF-2314	94.0 x 14.0	ST Ø 4.0	215.5	616	
G=green-yellow											

Further dimensions on request