



Drawing according to article number 177690 - Type 8666-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
Data elements:	Please find our detailed interactive product overview <a href="#">here</a> .
Supporting members:	HTF = High tensile fibre, ST = Steel, diameter in [mm]
Outer sheath:	PVC

## ELECTRICAL PROPERTIES

Rated voltage Uo/U: according to table

## MECHANICAL PROPERTIES

Free suspension length:	maximum 80 m
Travelling height:	maximum 150 m
Running speed:	maximum 3.0 m/s
Acceleration:	< 1.2 m/s <sup>2</sup>
Operating temperature:	-15 to +70 °C
Recommended loop diameter:	according to table, tolerance -50/+100 mm

## COLOUR CODE

Core:	black, white numbered,
G = with green-yellow core(s)	
Pair/quad: various colours or black with white numbers	
Coax:	grey

## STANDARDS

Sheath colour	grey
Standards	EN 50214

## VERSIONS

Article No.	Product	Cu rate [kg/km]	Rated voltage [V]	Suspension device	Loop [mm]	Standards	Supporting members	Cross sectional area [n x mm <sup>2</sup> ]	Weight [kg/100m]	Data elements	Overall dimensions [mm x mm]
165344	6599-F	173	300/500	LZ 1009	300	EN 50214	HTF	24 G 0.75	54.8	none	73.1 x 4.3
156879	7770-F	173	300/500	LZ 1009	400	EN 50214	ST Ø 2.5	24 G 0.75	58.2	none	73.2 x 4.3
176877	6900-F	173	450/750 300/500 300/300	LZ 1006	400	EN 50214	HTF	6 G 1.50 + 6 x 1.00 + 1 x 4 x 0.50	56.7	6347/3-F	53.0 x 6.4
166612	7500-F	139	300/500	LZ 1006	400	EN 50214	HTF	12 G 1.00 + 1 x CX 75 Ω	51.6	HF-2122-F	50.9 x 6.4
177690	8666-F	142	300/500 300/300	LZ 1006	400	EN 50214	HTF	12 G 1.00 + 1 x 4 x 0.34	52.2	8607-F	50.9 x 6.4
167018	8210-F	149	450/750	LZ 1006	450	EN 50214	HTF	2 x 1.50	56.5		54.1 x 7.1

## FM – PVC – supported

Mid rise - travelling height maximum 150m



			300/300					+ 1 x CX 75 Ω + 8 x 2 x 0.50		HF-2122-F 6651-F	
168191	8210-F	201	450/750	LZ 1009	450	EN 50214	HTF	4 x 1.50 + 2 x CX 75 Ω + 8 x 2 x 0.50	64	HF-2122-F 6651-F	64.3 x 7.0
			300/300								
182058	8820-F	201	450/750	LZ 1009	500	EN 50214	ST Ø 2.5	4 x 1.50 + 2 x CX 75 Ω + 8 x 2 x 0.50	72.3	HF-2122-F 6651-F	64.3 x 7.0
			300/300								
192360	8854/3- H	56	300/300	LZ 1006	450	EN 50214	ST Ø 2.5	4 x 2 x 0.50	44.2	6651/3-H	28.0 x 9.0
			300/300								
191093	8512-F	232	450/750 300/500 300/300	LZ 1009	400	EN 50214	ST Ø 2.5	3 G 2.50 + 14 x 1.00 + 4 x 2 x 0.50	80.2	6651-F	79.0 x 5.7
			300/300								
168185	8507-F	147	300/300	LZ 1006	400	EN 50214	HTF	12 x 2 x 0.50	44.5	6651-F	54.1 x 5.6
192453	8884-F	58	300/500	LZ 1006	400	EN 50214	ST Ø 2.5	8 x 0.75 + 4 x FO G50/125	30.1	GF-2314	40.8 x 4.3