



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 [here](#).
 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/s²
 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 ²]	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