



Drawing according to article number 177690 - Type 8666-F



## BESCHREIBUNG

Elevator suspension cable for indoor and panoramic elevators.

## ANWENDUNG

To comply with the correct installation procedures please refer to the Datwyler installation manual which is available separately

## KONSTRUKTION

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

## ELEKTRISCHE EIGENSCHAFTEN

Rated voltage Uo/U: according to table

## MECHANISCHE EIGENSCHAFTEN

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

## FARBCODE

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

## NORMEN

Mantelfarbe: grau  
 Anwendbare Normen: EN 50214

## VERSIONEN

Artikelnr.	Produkt	Cu-Zahl [kg/km]	Nennspannung [V]	Normen	Schleife [mm]	Aufhängevorrichtung	Unterstützende Mitglieder	Gewicht [kg/100m]	Datenelemente	Overall dimensions [mm x mm]	Querschnittsfläche
165344	6599-F	173	300/500	EN 50214	300	LZ 1009	HTF	54.8	none	73.1 x 4.3	24 G 0.75
156879	7770-F	173	300/500	EN 50214	400	LZ 1009	ST Ø 2.5	58.2	none	73.2 x 4.3	24 G 0.75
176877	6900-F	173	450/750 300/500 300/300	EN 50214	400	LZ 1006	HTF	56.7	6347/3-F	53.0 x 6.4	6 G 1.50 + 6 x 1.00 + 1 x 4 x 0.50
166612	7500-F	139	300/500	EN 50214	400	LZ 1006	HTF	51.6	HF-2122-F	50.9 x 6.4	12 G 1.00 + 1 x CX 75 Ω
177690	8666-F	142	300/500	EN 50214	400	LZ 1006	HTF	52.2		50.9 x 6.4	12 G 1.00

## FM – PVC – supported

Mid rise - travelling height maximum 150m



			300/300	50214						8607-F		+ 1 x 4 x 0.34
167018	8210-F	149	450/750	EN 50214	450	LZ 1006	HTF	56.5			54.1 x 7.1	2 x 1.50 + 1 x CX 75 Ω + 8 x 2 x 0.50
			300/300							HF-2122-F 6651-F		
168191	8210-F	201	450/750	EN 50214	450	LZ 1009	HTF	64			64.3 x 7.0	4 x 1.50 + 2 x CX 75 Ω + 8 x 2 x 0.50
			300/300							HF-2122-F 6651-F		
182058	8820-F	201	450/750	EN 50214	500	LZ 1009	ST Ø 2.5	72.3			64.3 x 7.0	4 x 1.50 + 2 x CX 75 Ω + 8 x 2 x 0.50
			300/300							HF-2122-F 6651-F		
192360	8854/3-H	56	300/300	EN 50214	450	LZ 1006	ST Ø 2.5	44.2			28.0 x 9.0	4 x 2 x 0.50
191093	8512-F	232	450/750 300/500 300/300	EN 50214	400	LZ 1009	ST Ø 2.5	80.2			79.0 x 5.7	3 G 2.50 + 14 x 1.00 + 4 x 2 x 0.50
										6651-F		
168185	8507-F	147	300/300	EN 50214	400	LZ 1006	HTF	44.5			54.1 x 5.6	12 x 2 x 0.50
										6651-F		
192453	8884-F	58	300/500	EN 50214	400	LZ 1006	ST Ø 2.5	30.1			40.8 x 4.3	8 x 0.75 + 4 x FO G50/125
										GF-2314		