

ELEVATOR TRAVELLING CABLES

FL – PVC

Elevator travelling cable – Mid rise



PRODUCT INFORMATION

APPLICATION	Elevator travelling cable for indoor and panoramic elevators	
INSTALLATION	Follow instructions in Datwyler manual for proper handling and installation	
	Suspension device:	LZ 1009
	Loop diameter:	natural loop
CONSTRUCTION	Conductors:	flexible bare Cu strands class 5 acc. to IEC/EN 60228
	Insulation:	PVC
	Pairs 0.50 mm ² :	PE, Al/PETP foil shield (FTP)
	Support members:	steel ropes, Ø 2.5 mm
	Outer sheath:	PVC
MECHANICAL PROPERTIES	Free suspension length:	max. 80 m
	Travel speed:	max. 6.3 m/s
	Operating temperature:	-15 to +70 °C
	Overall dimension (approx.):	78.5 x 5.7 mm
	Total weight (approx.):	806 kg/km
	Copper content:	256 kg/km
ELECTRICAL PROPERTIES	Rated voltage U ₀ /U:	
	Cores 2.50 mm ² :	450/750 V
	Cores 1.00 mm ² :	300/500 V
	Pairs 0.50 mm ² :	300/300 V
PROPERTIES OF DATA ELEMENTS	Pairs 0.50 mm ² :	see type 6651-F
FIRE PERFORMANCE	Flame propagation:	IEC/EN 60332-1-2
COLOUR CODE	Cores 2.50 mm ² :	black, white numbered 8-9, 1 green-yellow
	Cores 1.00 mm ² :	black, white numbered 1-7, 10-16
	Pairs 0.50 mm ² :	white/brown, green/yellow, grey/pink, blue/red
	Outer sheath:	grey
STANDARD	With reference to EN 50214	

Article no.	Type	No./size of conductors
191093	8512-F	3 G 2.50 + 14 x 1.00 + 4 x 2 x 0.50 mm ² (FTP)