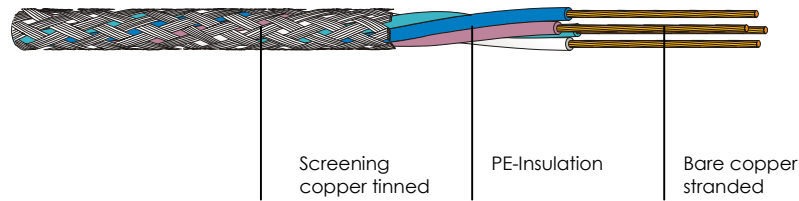


Data element for elevator flat cable
Quad 1x4x0.34mm² shielded
CH-N03EC4V3-F



DAG Type 8508-F

Part No.	Cross Sectional Area [n x mm ²]	Conductor Stranding [n x mm]	Overall Dimension approx. [mm]	Weight approx. [kg/100m]
	1 x 4 x0.34	7 x 0.254	4.50	3.18

Construction

Inner conductor..... Stranded bare copper..... 7 x 0.254 mm
 Screening..... copper tinned mm
 Core insulation..... PE Polyethylen

Electrical data

Conductor resistance 20°C (Ohm/km)..... 53.5
 Loop resistance Pair (Ohm/km)..... 106 – 107
 Resistance Screening (Ohm/km)..... 40 – 41
 Insulation resistance (MOhm x km)..... > 200`000
 Impedance (f=100 kHz) (Ohm) 130
 Impedance (f=1.0 MHz) (Ohm)..... 114
 Impedance (f=20 MHz) (Ohm)..... 104
 Attenuation (f=1 MHz) (dB/100m) 2.0
 Capacitance (Paar a/b) (f=800 Hz)..... (nF/km) 49 – 50
 Capacitance (Paar c/d) (f=800 Hz)..... (nF/km) 49 – 50
 Capacitance unbalance (k1) (f= 800 Hz)..... (pF/km) 3 – 10
 Capacitance earth (e1)..... 140 – 232
 Attenuation (f=100 kHz) (dB/100m) 0.60
 Attenuation (f=3400 kHz) (dB/100m) 1.26 – 1.33
 Near end cross talk (NEXT) (f=1 kHz) (dB/100m) 92 – 108
 Longitudinal conversion loss (f=100 kHz) (dB/360m) > 58
 Longitudinal conversion loss (f=1000 kHz) (dB/360m) > 54

General data

Cable specification cable design according to EN50214/HD359.S2
 Temperature range operating (°C)..... -15 to +70
 Min. bending radius for bending once 14 x d