

Lift-2S Lift and Hoist Control Cables 300/500V



Technical data

- Lift hoist control cables with strain bearing element
- Special PVC-compound for core and jacket, adapted to DIN VDE 0250
- **Temperature range**
flexing -15 °C to +40 °C
fixed installation -40 °C to +70 °C
- **Max. conductor temperature**
under load +70 °C
circuit conditions +150 °C
- **Nominal voltage**
U_n/U 300/500 V
- **Test voltage** 3000 V
- **Breakdown voltage** min. 6000 V
- **Free suspension height** max. 50 m
- **Minimum bending radius**
approx. 20x cable Ø

Cable structure

- Bare copper, fine wire conductors, bunch stranded to DIN VDE 0295 cl. 6, BS 6360 cl. 6 and IEC 60228 cl. 6
- Special PVC core insulation, Y13 to DIN VDE 0207 part 4
- Core coding to DIN VDE 0293
- Green-yellow earth core
- Special hemp support braid for **Trago** type with central support core of hemp
for **Lift-2S** type with 2 outer steel support wires
- Cores stranded in layers with optimal lay-length
- Multi-layer wrapping functioning as a support braid
- Special PVC outer jacket YM2 to DIN VDE 0207 part 5
- Colour black (RAL 9005)

Properties

- PVC self-extinguishing and flame retardant according to VDE 0482-332-1-2, DIN EN 60332-1-2/ IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

Note

- Art.no. 25090 - C = 2 cores 0,5 mm² with copper braiding.
- Art.no. 25101 = 7G1 + 17x0,75 mm².
- G = with green-yellow earth core.
- AWG sizes are approximate equivalent values. The actual cross-section is in mm².

Application

These cables are used as control or feeder cables in lifts and hoists. The special attention given to both production and material quality for these cables has made them ideal even for use under extreme conditions.

HELUKABEL®-Lift-2S has also proven itself to be ideally suited for installation in conveyor systems and manual control units.

The external steel support wires can be dismantled without damaging the cable insulation.

CE = The product is conformed with the EC Low-Voltage Directive 2006/95/EG.

Lift-2S with 2 external support cores

Part no.	No. cores x cross-sec. mm ²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	Support core	Pendal length app. m	AWG-No.
25091	12 G 1	13,5	115,2	446,0	Steel	-	17
25092	18 G 1	16,2	172,8	528,0	Steel	-	17
25093	25 G 1	19,0	240,0	660,0	Steel	-	17
25094	30 G 1	21,9	288,0	760,0	Steel	-	17
25095	8 G 1,5	14,7	115,0	425,0	Steel	-	16
25096	12 G 1,5	16,0	172,8	505,0	Steel	-	16
25097	15 G 1,5	19,5	230,0	575,0	Steel	-	16
25098	18 G 1,5	19,3	259,0	640,0	Steel	-	16
25099	20 G 1,5	19,5	288,0	715,0	Steel	-	16
25100	24 G 1,5	22,5	346,0	820,0	Steel	-	16

Dimensions and specifications may be changed without prior notice. (RF01)