



Voltage : 300 / 500 V

Temp. : 70 °C

### Application

**LIFT-2S** is usually used as control or feeder cables in the lifts, hoists and ideally install onto the pendant manual control unit. The two steel wire reinforcement act as stress or torsion protection to cable of the control unit of the system.

### Cable Construction

- Fine strands of bare copper conductors according to DIN VDE 0295 class 6 and IEC 60228
- PVC insulation Y13, to DIN VDE 0207 part 4
- Black cores with consecutive white numbering accordance to DIN VDE 0293
- Green-yellow earth core
- 2 support wires integrated in the outersheath with a breaking strength of 2100N
- Cores stranded in layers
- Textile wrap as a support braid
- PVC outersheath, YM2 to DIN VDE 0207 part 5, colour black
- PVC self-extinguishing and flame retardant, test method B according to VDE 0472 part 804 and IEC 60332-1

### Technical Data

Standard	: According to DIN VDE 0250
Nominal voltage	: U <sub>0</sub> /U 300/500 V
Temperature range	: Flexing : - 5°C to + 40°C Fixed laying : - 40°C to + 70°C
Max. conductor temp.	: Under load : + 70°C Circuit conditions : + 150°C
Free suspension height	: 50 m
Testing voltage	: 3 KV, 50 Hz
Min. bending radius	: 10 x cable diameter

Item No.	No. Of Core x Section mm <sup>2</sup>	Outer Diameter mm	Copper Weight kg/km	Cable Weight kg/km
145001	12 x 1	15.0/27.0	115.2	446
145002	18 x 1	17.0/32.0	172.8	528
145003	25 x 1	21.1/36.1	240.0	660
145004	30 x 1	22.0/39.0	288.0	760

Item No.	No. Of Core x Section mm <sup>2</sup>	Outer Diameter mm	Copper Weight kg/km	Cable Weight kg/km
145005	8 x 1.5	15.0/27.2	115.0	425
145006	12 x 1.5	16.4/31.6	172.8	505
145007	15 x 1.5	18.5/33.5	230.0	575
145008	18 x 1.5	19.2/35.0	259.0	640
145009	20 x 1.5	21.0/36.0	288.0	715
145010	24 x 1.5	22.5/37.5	346.0	820