Data communication systems
Low frequency data transmission cables
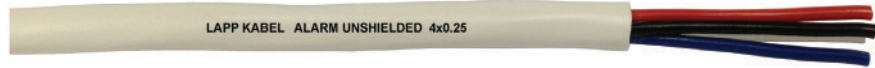Installation cable for industrial electronics

ALARM CABLE

Info
- Unshielded

Application range
- Flexible cables normally used for the wiring of burglar and security alarm and other low voltage circuits
- Suitable for interconnection between control unit systems, sensors and alerting devices
- For indoor installation

Product features
- Flame retardant in acc. to IEC 60332-1-2

Approvals (Norm references)
RoHS ✓

Product Make-up
- Stranded bare annealed copper wires
- PVC core insulation
- PVC outer sheath, white

Technical data

Core identification code
4 core: RD/BK/WH/BU
6 core: RD/BK/WH/BU/YE/GN

Mutual capacitance
Approx. 120 nF/km, at 800 Hz

Peak operating voltage
50 Vrms (not for power applications)

Minimum bending radius
10 x cable diameter

Test voltage
1500 V
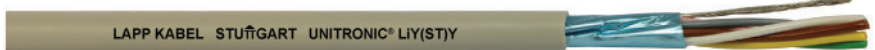
Temperature range
-30°C to +70°C

Article number	Number of core and mm² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
3804934	4x0.25	4.3	9.6	28.3
3804936	6x0.25	5.1	14.2	38.8

Photographs are not to scale and do not represent detailed images of the respective products.

Data communication systems
Low frequency data transmission cables
Metal foil screened pairs

UNITRONIC® LiY(ST)Y

Info
- UL Style 2464
- UL-approved

Application range
- Suitable for use in data transmission and control measurement
- For use in dry and damp environment

Product features
- 100% screen coverage, offers optimum protection against external interference at medium and high frequencies
- UL-approved
- Flame retardant in acc. to IEC 60332-1-2

Approvals (Norm references)
UL RoHS ✓

Product Make-up
- Multi-wire strands of tinned annealed copper
- Semi-Rigid PVC core insulation
- Aluminium foil screening
- Tinned copper drain wire
- PVC outer sheath pebble grey, RAL 7032

Technical data

Core identification code
acc. to DIN 47100

Mutual capacitance
C/C: approx. 110 pF/m
C/S: approx. 215 pF/m

Peak operating voltage
300 V (not for power applications)

Minimum bending radius
10 x cable diameter

Test voltage
1500 V

Temperature range
-30°C to +80°C

Article number	Number of core and AWG per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
3802841	3x24AWG	4.2	8.4	24.1
3802842	4x24AWG	4.7	10.5	30.41
3802843	6x24AWG	5.4	14.7	40.3
3802844	8x24AWG	5.7	18.9	46
3802845	15x24AWG	7.2	33.6	73
3802846	25x24AWG	8.6	54.5	124.4
3802847	30x24AWG	9.7	65.0	129.1

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