

Product Description

Halogen-free data cable



Application range

- Suited for areas with a high density of people, e.g. public buildings or transport systems, as well as high-value property that must be protected in case of fire.
- Dry and damp indoors

Benefits

- Halogen-free data cable

Design

- Stranded bare conductor, fine wire / 7-wire (only 0.34 mm²)
- Halogen-free core insulation
- Core colour code in accordance with DIN 47100 but no colour repetition
- Halogen-free outer sheath
- Colour: pebble grey (RAL 7032)

Product features

- Robust outer sheath makes the cable resistant
- Have small outer diameters despite a high number of cores
- Flame retardant according to IEC 60332-1-2

Technical Data

Core identification code

DIN 47100, Appendix T9, without colour repetition

Mutual capacitance

Approx. 80 nF/km

Peak working voltage

(not for power applications) 250 V

Inductivity

approx. 0.65 mH/km

Based on

VDE 0812

Specific insulation resistance

> 20 GOhm x cm

Conductor stranding

Strand, fine wire 0.34 mm², 7 wire

Conductor resistance

see Appendix T11

Minimum bending radius

For flexible applications: 15 x outer diameter fixed installation: 6 x cable diameter

Test voltage

1200 V

Range of temperature

Static: -30°C up to +80°C

Flexing: -5°C up to +70°C

Article List

Part number	Number of cores and mm ² per conductor	Outer diameter in mm	Copper index kg/km	Weight kg/km
UNITRONIC® LiHH				
0037100	2 x 0,14	3.4	2.7	12
0037101	3 x 0,14	3.6	4.0	15
0037102	4 x 0,14	3.8	5.4	17
0037103	5 x 0,14	4.1	6.7	22
0037104	6 x 0,14	4.4	8.1	25
0037105	7 x 0,14	4.4	9.4	26
0037106	8 x 0,14	5.1	10.8	29
0037107	10 x 0,14	5.4	13.4	35
0037108	12 x 0,14	5.8	16.1	43
0037109	20 x 0,14	7.2	26.8	73
0037110	25 x 0,14	8.0	34.6	91
0037120	2 x 0,25	4.0	4.8	22
0037121	3 x 0,25	4.2	7.2	25
0037122	4 x 0,25	4.5	9.6	28
0037123	5 x 0,25	4.9	12.0	34
0037124	6 x 0,25	5.3	14.4	39
0037125	7 x 0,25	5.3	16.8	42
0037126	8 x 0,25	6.4	19.2	50

0037127	10 x 0,25	7.0	24.0	60
0037128	12 x 0,25	7.2	28.8	67
0037129	16 x 0,25	7.9	38.4	85
0037140	2 x 0,34	4.4	6.5	28
0037141	3 x 0,34	4.6	9.8	30
0037142	4 x 0,34	5.0	13.1	40
0037143	5 x 0,34	5.7	16.3	44
0037144	7 x 0,34	6.1	22.8	60
0037146	10 x 0,34	7.8	32.6	80
0037147	12 x 0,34	8.0	39.2	97
0037150	2 x 0,5	4.9	9.6	31
0037151	3 x 0,5	5.2	14.4	37
0037152	4 x 0,5	5.8	19.2	45
0037153	5 x 0,5	6.3	24.0	58
0037154	7 x 0,5	7.0	33.6	72
0037155	12 x 0,5	9.1	57.6	117
0037160	2 x 0,75	5.3	14.4	41
0037162	4 x 0,75	6.3	28.8	60
0037163	5 x 0,75	7.1	36.0	70
0037164	7 x 0,75	7.7	50.4	85
0037165	12 x 0,75	10.4	86.4	165
0037171	3 x 1	6.1	28.8	57
0037172	4 x 1	6.6	38.4	67
0037181	3 x 1,5	7.4	43.2	72
0037182	4 x 1,5	8.0	57.6	87

Footnote:

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: Coil ≤ 30 kg and ≤ 250 m, otherwise drum

Please specify the desired packaging size (e.g. 1 x 500 m drum or 5 x 100 m coils)

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