

Halogen-free; for plaster, brickwork, unmoved concrete; at high concentration of life and material assets

Product Description



Application range

- For laying in, on and under the plaster
- In brickwork and concrete, except direct embedding in vibrated or compressed concrete
- In dry, wet and damp interiors
- For buildings or industrial plants with a high concentration of persons or valuable properties

Design

- Strands of bare copper wires
- Core insulation: Polyethylene (PE)
- Filling compound over the core assembly
- Outer sheath of halogen-free polymer compound

Product features

- Due to halogen-free materials, the formation of toxic dioxins and furanes is considerably reduced in the event of fire
- Prevents expensive damage to buildings and equipment caused by acid fumes produced during combustion
- Flame retardant according to IEC 60332-1-2
- No flame propagation acc. to IEC 60332-3-24



Technical Data

Core identification code

Up to 5 cores: according to VDE 0293-308 (appendix T9)

Starting at 6 cores: Black with white numbers

Based on

VDE 0250 Part 214

Conductor stranding

Single or multi-wire

Minimum bending radius

Fixed installation: 4 x cable diameter

Rated voltage

U0/U: 300/500 V

Test voltage

2000 V

Protective conductor

G = with protective conductor GN/YE

X = without protective conductor

Range of temperature

Maximum conductor temperature: +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
16020003	3 G 1,5	8,5	43.2	120
16020013	4 G 1,5	9,3	58.0	145
16020023	5 G 1,5	10.0	72.0	170
1602003	7 G 1,5	10,8	101.0	210
16020103	3 G 2,5	9,4	72.0	160
16020123	5 G 2,5	11.0	120.0	230

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.