

Fixedly installed, buried PVC cable with concentric, helical copper conductor and cross-conductive spiral

Product Description

Concentric conductor above all as PE



Application range

- As a fixed installation power and control cable for the following applications:
- For indoor- and outdoor use
- Direct burial
- In concrete
- In water

Benefits

- Concentric conductor above all as PE

Design

- Conductor of bare copper wires
- Core insulation: Based on PVC
- Filling compound over the core assembly
- Concentric, helical, outside conductor of bare copper strands with inductance-reducing, cross-conductive copper bond counter spiral
- PVC based outer sheath

Product features

- Power rating acc. to HD 603 part 3G for outdoor laying and as per VDE 0298 part 4 (see also appendix T12) for laying in and on buildings



Technical Data

Core identification code

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

Starting at 6 cores: Black with white numbers

Approvals

VDE 0276 Part 603 (for 1-5 cores)

VDE 0276 Part 627 (from 7 cores)

Conductor stranding

Single or multi-wire

Minimum bending radius

Fixed installation: 12 x outer diameter

Rated voltage

U0/U: 0,6/1,0 kV

Test voltage

4000 V

Range of temperature

For installation: +5°C up to +50°C

Fixed installation: -40°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
15503003	2 x 1,5re/1,5	14.0	52.0	245
15503103	3 x 1,5re/1,5	14.0	66.0	280
15503203	4 x 1,5re/1,5	15.0	81.0	302
1550330	7 x 1,5re/2,5	17.0	133.0	450
1550332	12 x 1,5re/2,5	20.0	205.0	580
1550337	24 x 1,5re/6	26.0	413.0	1100
15503113	3 x 2,5re/2,5	15.0	104.0	316
15503213	4 x 2,5re/2,5	16.0	128.0	360
1550350	7 x 2,5re/2,5	18.0	200.0	530
1550355	16 x 2,5re/6	23.0	451.0	950
15503223	4 x 4re/4	18.0	200.0	485
15503233	4 x 6re/6	19.0	297.0	616

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: Excluding Copper; 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.