

Fixed, buried PVC cable with different application areas

Product Description



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

Design

- Conductor of bare copper wires
- Core insulation: Based on PVC
- Filling compound over the core assembly
- PVC based outer sheath

Product features

- Flame retardant according to IEC 60332-1-2
- 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

Single core: 15 x outer diameter

multi-core: 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
NYJ				
1550030	1 x 25rm	13.0	240.0	380
1550038	1 x 35rm	14.0	336.0	447
1550032	1 x 50rm	15.0	480.0	650
1550033	1 x 70rm	17.0	672.0	864
1550037	1 x 185rm	26.0	1776.0	2000
15500013	3 x 1,5re	12.0	43.0	223
15500023	4 x 1,5re	13.0	58.0	256
15500033	5 x 1,5re	14.0	72.0	293
1550004	7 x 1,5re	15.0	101.0	360
1550005	10 x 1,5re	18.0	144.0	520
1550006	12 x 1,5re	19.0	173.0	560
1550084	14 x 1,5re	20.0	202.0	620
1550007	16 x 1,5re	21.0	230.0	680
1550008	19 x 1,5re	22.0	274.0	760
1550009	24 x 1,5re	24.0	346.0	900
1550086	30 x 1,5re	26.0	432.0	1100
15500103	3 x 2,5re	13.0	72.0	272
15500113	4 x 2,5re	14.0	96.0	316



15500123	5 x 2,5re	15.0	120.0	323
1550013	7 x 2,5re	16.0	168.0	450
1550090	10 x 2,5re	20.0	240.0	630
1550091	12 x 2,5re	20.0	288.0	680
1550092	14 x 2,5re	21.0	336.0	790
1550094	19 x 2,5re	23.0	456.0	990
1550096	24 x 2,5re	26.0	576.0	1300
1550097	30 x 2,5re	28.0	720.0	1400
15500583	3 x 4re	15.0	115.0	373
15500203	4 x 4re	16.0	154.0	439
15500263	5 x 4re	17.0	192.0	510
15500593	3 x 6re	16.0	173.0	466
15500213	4 x 6re	17.0	230.0	547
15500273	5 x 6re	19.0	288.0	640
15500603	3 x 10re	18.0	288.0	629
15500223	4 x 10re	19.0	384.0	743
15500823	5 x 10re	21.0	480.0	899
15500613	3 x 16re	20.0	461.0	850
15500233	4 x 16re	22.0	614.0	1039
15500833	5 x 16re	23.0	768.0	1240
15500713	3 x 25rm/16re	25.0	874.0	1595
15500243	4 x 25rm	27.0	960.0	1620
15500153	3 x 35sm/16re	27.0	1162.0	1718
15500753	4 x 35sm	27.0	1344.0	1916
15500163	3 x 50sm/25rm	31.0	1680.0	2383
15500253	4 x 50sm	31.0	1920.0	2639
15500173	3 x 70sm/35sm	33.0	2352.0	3196
15500763	4 x 70sm	35.0	2688.0	3576
15500183	3 x 95sm/50sm	38.0	3216.0	4271
15500773	4 x 95sm	40.0	3648.0	4746
15500723	3 x 120sm/70sm	41.0	4128.0	5281
15500783	4 x 120sm	43.0	4608.0	5813
15500733	3 x 150sm/70sm	46.0	4992.0	6408
15500793	4 x 150sm	48.0	5760.0	7263
15500743	3 x 185sm/95sm	50.0	6240.0	7909
15500803	4 x 185sm	53.0	7104.0	8905
15500193	3 x 240sm/120sm	57.0	8064.0	10162
15500813	4 x 240sm	60.0	9216.0	11430
NYY-O				
1550205	1 x 10re	10.0	96.0	176
1550206	1 x 16re	11.0	154.0	239



1550207	1 x 25rm	13.0	240.0	380
1550208	1 x 35rm	14.0	336.0	447
1550209	1 x 50rm	15.0	480.0	650
1550210	1 x 70rm	17.0	672.0	864
1550211	1 x 95rm	19.0	912.0	1132
1550212	1 x 120rm	21.0	1152.0	1405
1550213	1 x 150rm	22.0	1440.0	1710
1550214	1 x 185rm	24.0	1776.0	2086
1550215	1 x 240rm	27.0	2304.0	2669
1550216	1 x 300rm	30.0	2880.0	3305
1550218	1 x 500rm	39.0	4800.0	5400
15502003	2 x 1,5re	11.0	29.0	210
15502193	2 x 2,5re	12.0	48.0	250
15502203	2 x 4re	14.0	77.0	360
15502213	2 x 6re	15.0	115.0	400
15502223	2 x 10re	17.0	192.0	500
15502533	4 x 16re	22.0	614.0	1039
15502543	4 x 25rm	27.0	960.0	1620
15502563	4 x 50sm	31.0	1920.0	2639
15502573	4 x 70sm	35.0	2688.0	3576
15502583	4 x 95sm	40.0	3648.0	4746

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 \leq 30 kg and \leq 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.