



**Description:** **NYY-J, NYY-O 4 x 50sm\_**

**Lapp code:** Lapp 15500253

The **Test voltage** of the cable Lapp 15500253 is 4000 V.

## Application range

- Power and control cable for fixed installation in the following applications:
- For indoor and outdoor use
- Burial without additional, suitable underground protection according to VDE standard HD 603/VDE 0276-603 - Part 3-G (point 4) governing PVC cables for direct burial: normal minimum installation depth 0.6 m, but at least 0.8 m under roads
- In concrete with a temperature below the maximum cable operating temperature of +70 °C according to the VDE standard HD 603/VDE 0276-603 - Part 3-G (point 4) governing PVC cables for direct burial
- In water: no longer than 2 weeks at a time, maximum submersion depth 10 metres, only in static water/bodies of water without shipping traffic

## Product Make-up

- Bare copper wire conductor
- Abbreviations “re”, “rm”, “se”, “sm”: r = round conductor form; s = sectorial conductor form; e = single-wire conductor (wire = conductor)/braided conductor class 1 according to IEC 60228/VDE 0295 for fixed, static applications; m = multi-wire conductor/braided conductor class 2 according to IEC 60228/VDE 0295 for fixed, static applications, but with a slightly lower minimum bending factor
- Core insulation: Based on PVC
- Filling compound over the core assembly
- PVC-based outer sheath

In our Cable list on next page you can find all interesting information acc. article Lapp 15500253 and much more.

CABLE LIST - all informations you need you can find here

Product Name	Lapp Nr.	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
NYY-J					
NYY-J, NYY-O 1 x 25rm	Lapp 1550030	1 x 25rm	13.0	240.0	380
NYY-J, NYY-O 1 x 35rm	Lapp 1550038	1 x 35rm	14.0	336.0	447
NYY-J, NYY-O 1 x 50rm	Lapp 1550032	1 x 50rm	15.0	480.0	650
NYY-J, NYY-O 1 x 70rm	Lapp 1550033	1 x 70rm	17.0	672.0	864
NYY-J, NYY-O 1 x 185rm	Lapp 1550037	1 x 185rm	25.0	1776.0	2080
NYY-J, NYY-O 3 x 1,5re	Lapp 15500013	3 x 1,5re	12.0	43.0	223
NYY-J, NYY-O 4 x 1,5re	Lapp 15500023	4 x 1,5re	13.0	58.0	256
NYY-J, NYY-O 5 x 1,5re	Lapp 15500033	5 x 1,5re	14.0	72.0	293
NYY-J, NYY-O 7 x 1,5re	Lapp 1550004	7 x 1,5re	15.0	101.0	360
NYY-J, NYY-O 10 x 1,5re	Lapp 1550005	10 x 1,5re	18.0	144.0	520
NYY-J, NYY-O 12 x 1,5re	Lapp 1550006	12 x 1,5re	19.0	173.0	560
NYY-J, NYY-O 14 x 1,5re	Lapp 1550084	14 x 1,5re	20.0	202.0	620
NYY-J, NYY-O 16 x 1,5re	Lapp 1550007	16 x 1,5re	21.0	230.0	680
NYY-J, NYY-O 19 x 1,5re	Lapp 1550008	19 x 1,5re	22.0	274.0	760
NYY-J, NYY-O 24 x 1,5re	Lapp 1550009	24 x 1,5re	24.0	346.0	900
NYY-J, NYY-O 30 x 1,5re	Lapp 1550086	30 x 1,5re	26.0	432.0	1100
NYY-J, NYY-O 3 x 2,5re	Lapp 15500103	3 x 2,5re	13.0	72.0	272
NYY-J, NYY-O 4 x 2,5re	Lapp 15500113	4 x 2,5re	14.0	96.0	316
NYY-J, NYY-O 5 x 2,5re	Lapp 15500123	5 x 2,5re	15.0	120.0	323
NYY-J, NYY-O 7 x 2,5re	Lapp 1550013	7 x 2,5re	16.0	168.0	450
NYY-J, NYY-O 10 x 2,5re	Lapp 1550090	10 x 2,5re	20.0	240.0	630
NYY-J, NYY-O 12 x 2,5re	Lapp 1550091	12 x 2,5re	20.0	288.0	680
NYY-J, NYY-O 14 x 2,5re	Lapp 1550092	14 x 2,5re	21.0	336.0	790
NYY-J, NYY-O 19 x 2,5re	Lapp 1550094	19 x 2,5re	23.0	456.0	990
NYY-J, NYY-O 24 x 2,5re	Lapp 1550096	24 x 2,5re	26.0	576.0	1300
NYY-J, NYY-O 30 x 2,5re	Lapp 1550097	30 x 2,5re	28.0	720.0	1400
NYY-J, NYY-O 3 x 4re	Lapp 15500583	3 x 4re	15.0	115.0	373
NYY-J, NYY-O 4 x 4re	Lapp 15500203	4 x 4re	16.0	154.0	439
NYY-J, NYY-O 5 x 4re	Lapp 15500263	5 x 4re	17.0	192.0	510
NYY-J, NYY-O 3 x 6re	Lapp 15500593	3 x 6re	16.0	173.0	466

Product Name	Lapp Nr.	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
NYY-J, NYY-O 4 x 6re	Lapp 15500213	4 x 6re	17.0	230.0	547
NYY-J, NYY-O 5 x 6re	Lapp 15500273	5 x 6re	19.0	288.0	640
NYY-J, NYY-O 3 x 10re	Lapp 15500603	3 x 10re	18.0	288.0	629
NYY-J, NYY-O 4 x 10re	Lapp 15500223	4 x 10re	19.0	384.0	743
NYY-J, NYY-O 5 x 10re	Lapp 15500823	5 x 10re	21.0	480.0	899
NYY-J, NYY-O 3 x 16re	Lapp 15500613	3 x 16re	20.0	461.0	850
NYY-J, NYY-O 4 x 16re	Lapp 15500233	4 x 16re	22.0	614.0	1039
NYY-J, NYY-O 5 x 16re	Lapp 15500833	5 x 16re	23.0	768.0	1240
NYY-J, NYY-O 3 x 25rm/16re	Lapp 15500713	3 x 25rm/16re	25.0	874.0	1595
NYY-J, NYY-O 4 x 25rm	Lapp 15500243	4 x 25rm	27.0	960.0	1620
NYY-J, NYY-O 3 x 35sm/16re	Lapp 15500153	3 x 35sm/16re	27.0	1162.0	1718
NYY-J, NYY-O 4 x 35sm	Lapp 15500753	4 x 35sm	27.0	1344.0	1916
NYY-J, NYY-O 3 x 50sm/25rm	Lapp 15500163	3 x 50sm/25rm	31.0	1680.0	2383
NYY-J, NYY-O 4 x 50sm	Lapp 15500253	4 x 50sm	31.0	1920.0	2639
NYY-J, NYY-O 3 x 70sm/35sm	Lapp 15500173	3 x 70sm/35sm	33.0	2352.0	3196
NYY-J, NYY-O 4 x 70sm	Lapp 15500763	4 x 70sm	35.0	2688.0	3576
NYY-J, NYY-O 3 x 95sm/50sm	Lapp 15500183	3 x 95sm/50sm	38.0	3216.0	4271
NYY-J, NYY-O 4 x 95sm	Lapp 15500773	4 x 95sm	40.0	3648.0	4746
NYY-J, NYY-O 3 x 120sm/70sm	Lapp 15500723	3 x 120sm/70sm	41.0	4128.0	5281
NYY-J, NYY-O 4 x 120sm	Lapp 15500783	4 x 120sm	43.0	4608.0	5813
NYY-J, NYY-O 3 x 150sm/70sm	Lapp 15500733	3 x 150sm/70sm	46.0	4992.0	6408
NYY-J, NYY-O 4 x 150sm	Lapp 15500793	4 x 150sm	48.0	5760.0	7263
NYY-J, NYY-O 3 x 185sm/95sm	Lapp 15500743	3 x 185sm/95sm	50.0	6240.0	7909
NYY-J, NYY-O 4 x 185sm	Lapp 15500803	4 x 185sm	53.0	7104.0	8905
NYY-J, NYY-O 3 x 240sm/120sm	Lapp 15500193	3 x 240sm/120sm	57.0	8064.0	10162
NYY-J, NYY-O 4 x 240sm	Lapp 15500813	4 x 240sm	60.0	9216.0	11430
NYY-O					
NYY-J, NYY-O 1 x 10re	Lapp 1550205	1 x 10re	10.0	96.0	176
NYY-J, NYY-O 1 x 16re	Lapp 1550206	1 x 16re	11.0	154.0	239
NYY-J, NYY-O 1 x 25rm	Lapp 1550207	1 x 25rm	13.0	240.0	380
NYY-J, NYY-O 1 x 35rm	Lapp 1550208	1 x 35rm	14.0	336.0	447
NYY-J, NYY-O 1 x 50rm	Lapp 1550209	1 x 50rm	15.0	480.0	650
NYY-J, NYY-O 1 x 70rm	Lapp 1550210	1 x 70rm	17.0	672.0	864

Product Name	Lapp Nr.	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
NYY-J, NYY-O 1 x 95rm	Lapp 1550211	1 x 95rm	19.0	912.0	1132
NYY-J, NYY-O 1 x 120rm	Lapp 1550212	1 x 120rm	21.0	1152.0	1405
NYY-J, NYY-O 1 x 150rm	Lapp 1550213	1 x 150rm	22.0	1440.0	1710
NYY-J, NYY-O 1 x 185rm	Lapp 1550214	1 x 185rm	25.0	1776.0	2080
NYY-J, NYY-O 1 x 240rm	Lapp 1550215	1 x 240rm	27.0	2304.0	2669
NYY-J, NYY-O 1 x 300rm	Lapp 1550216	1 x 300rm	30.0	2880.0	3305
NYY-J, NYY-O 1 x 500rm	Lapp 1550218	1 x 500rm	39.0	4800.0	5400
NYY-J, NYY-O 2 x 1,5re	Lapp 15502003	2 x 1,5re	11.0	29.0	210
NYY-J, NYY-O 2 x 2,5re	Lapp 15502193	2 x 2,5re	12.0	48.0	250
NYY-J, NYY-O 2 x 4re	Lapp 15502203	2 x 4re	14.0	77.0	360
NYY-J, NYY-O 2 x 6re	Lapp 15502213	2 x 6re	15.0	115.0	400
NYY-J, NYY-O 2 x 10re	Lapp 15502223	2 x 10re	17.0	192.0	500
NYY-J, NYY-O 4 x 16re	Lapp 15502533	4 x 16re	22.0	614.0	1039
NYY-J, NYY-O 4 x 25rm	Lapp 15502543	4 x 25rm	27.0	960.0	1620
NYY-J, NYY-O 4 x 50sm	Lapp 15502563	4 x 50sm	31.0	1920.0	2639
NYY-J, NYY-O 4 x 70sm	Lapp 15502573	4 x 70sm	35.0	2688.0	3576
NYY-J, NYY-O 4 x 95sm	Lapp 15502583	4 x 95sm	40.0	3648.0	4746