



**Description:** NYCWY 3 x 120sm-70\_

**Lapp code:** Lapp 15505153

The **Test voltage** of the cable Lapp 15505153 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
- Concentric, wave-like, outer conductor made of bare copper strands with inductance-reducing, cross-conductive copper bond counter spiral
- PVC-based outer sheath

In our Cable list on next page you can find all interesting information acc. article Lapp 15505153 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)
NYCWY 2 x 10re/10	Lapp 15505003	2 x 10re/10	19.0	312.0	610
NYCWY 3 x 10re/10	Lapp 15505263	3 x 10re/10	20.0	408.0	775
NYCWY 4 x 10re/10	Lapp 15505403	4 x 10re/10	21.0	504.0	897
NYCWY 3 x 16re/16	Lapp 15505273	3 x 16re/16	22.0	643.0	1066
NYCWY 4 x 16re/16	Lapp 15505413	4 x 16re/16	24.0	796.0	1250
NYCWY 3 x 25rm/25	Lapp 15505283	3 x 25rm/25	26.0	1003.0	1584
NYCWY 4 x 25rm/16	Lapp 15505423	4 x 25rm/16	28.0	1142.0	1822
NYCWY 3 x 35sm/35	Lapp 15505303	3 x 35sm/35	26.0	1402.0	1710
NYCWY 4 x 35sm/16	Lapp 15505433	4 x 35sm/16	29.0	1526.0	2146
NYCWY 3 x 50sm/50	Lapp 15505163	3 x 50sm/50	30.0	2000.0	2368
NYCWY 4 x 50sm/25	Lapp 15505443	4 x 50sm/25	33.0	2203.0	3031
NYCWY 4 x 70sm/35	Lapp 15505453	4 x 70sm/35	38.0	3082.0	4056
NYCWY 3 x 95sm/50	Lapp 15505143	3 x 95sm/50	38.0	3296.0	4256
NYCWY 3 x 95sm/95	Lapp 15505323	3 x 95sm/95	39.0	3791.0	4600
NYCWY 4 x 95sm/50	Lapp 15505463	4 x 95sm/50	43.0	4208.0	5364
NYCWY 3 x 120sm/70	Lapp 15505153	3 x 120sm/70	41.0	4236.0	5314
NYCWY 4 x 120sm/70	Lapp 15505473	4 x 120sm/70	46.0	5388.0	6748
NYCWY 3 x 150sm/70	Lapp 15505353	3 x 150sm/70	45.0	5100.0	6344
NYCWY 4 x 150sm/70	Lapp 15505483	4 x 150sm/70	51.0	6540.0	8159
NYCWY 3 x 185sm/95	Lapp 15505173	3 x 185sm/95	50.0	6383.0	8054