



Description: NYCWY 4 x 16re-16_

Lapp code: Lapp 15505413

The **Test voltage** of the cable Lapp 15505413 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 15505413 and much more.

CABLE LIST - all informations you need you can find here

| Product Name | Lapp Nr. | Number of cores and mm ² 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 |