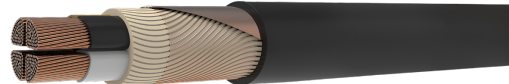


## ENERGETSKI KABL · POWER CABLE

# NYCWY

Energetski kabl 0,6/1 kV sa bakarnim provodnicima, PVC izolacijom, koncentričnim talasastim provodnikom i PVC plaštom (NYCWY · JUS PP42).

Power cable 0,6/1 kV with copper conductors, PVC insulation, wave-form concentric conductor and PVC sheath (NYCWY · JUS PP42).


**PRIMENA / APPLICATION**

Distributivni kabl za statičke primene na otvorenom (uz UV zaštitu), u zemlji, vodi, kanalima i betonu. Talasasti koncentrični provodnik služi kao neutralni/zaštitni i omogućava priključke bez presecanja.

Distribution cable for static outdoor use (UV protected), in ground, water, ducts and concrete. The wave-form concentric conductor serves as neutral/protective and allows connections without cutting it.

**KONSTRUKCIJA / CONSTRUCTION**

**Provodnik / Conductor:** Cu, klasa 2 / class 2 (EN 60228)

**Izolacija / Insulation:** PVC smeša / PVC compound

**Ispuna / Bedding:** Elastomer / plastomer ili traka

**Konc. provodnik / Concentric:** Cu žice (talasaste) + Cu traka

**Plašt / Sheath:** PVC smeša, crn / PVC, black

**IDENTIFIKACIJA ŽILA / CORE ID**

2 žile: braon, plava · 3 žile: žuto-zelena, braon, plava ili crna, braon, siva · 4 žile: (ž/z ili plava) + braon, crna, siva · 5 žila: ž/z, plava, braon, crna, siva. Plašt: crn; druge boje na upit.  
 2-core: brown, blue · 3-core: green/yellow, brown, blue or black, brown, grey · 4-core: (g/y or blue) + brown, black, grey · 5-core: g/y, blue, brown, black, grey. Sheath: black; other colours on request.

**TEHNIČKE KARAKTERISTIKE / SPECS**

Napon  $U_o/U$  / Voltage **0,6/1 kV**

Ispitni napon / Test voltage **4 kV**

Savijanje / Bending **15 x D (1-žilni) / 12 x D**

Temp. polaganja / Laying temp. **min -5 °C**

Maks. temp. provodnika / Max. cond. **70 °C**

Temp. kratkog spoja / Short-circuit **160 °C**

**STANDARDI / STANDARDS**

VDE 0276-603 · HD 603 S1 · HD 308 S2 · JUS PP42

## DIMENZIJE I ELEKTRIČNI PODACI / DIMENSION & ELECTRICAL DATA

| Žile x presek<br>CORES x SECT. (ph/cc) | Otpor 20°C<br>RESISTANCE | Struja vazduh<br>CURRENT AIR | Struja zemlja<br>CURRENT EARTH | Spolj. prečnik<br>OUTER Ø | Masa metala<br>METAL WT. | Masa<br>CABLE WT. |
|----------------------------------------|--------------------------|------------------------------|--------------------------------|---------------------------|--------------------------|-------------------|
| n x mm <sup>2</sup> /mm <sup>2</sup>   | Ω/km                     | A                            | A                              | mm                        | kg/km                    | kg/km             |
| 2x4/4                                  | 4,61                     | 34                           | 50                             | 13,9                      | 122,4                    | 352               |
| 2x6/6                                  | 3,08                     | 44                           | 62                             | 15,0                      | 183,6                    | 449               |
| 2x10/10                                | 1,83                     | 60                           | 83                             | 17,0                      | 306,0                    | 631               |
| 2x16/16                                | 1,15                     | 80                           | 107                            | 19,2                      | 489,6                    | 890               |
| 2x25/16                                | 0,727                    | 108                          | 138                            | 22,4                      | 673,2                    | 1218              |
| 2x25/25                                | 0,727                    | 108                          | 138                            | 22,5                      | 765,0                    | 1311              |
| 2x50/25                                | 0,387                    | 160                          | 195                            | 28,5                      | 1275,0                   | 2136              |
| 3x4/4                                  | 4,61                     | 34                           | 50                             | 15,4                      | 163,2                    | 437,0             |
| 3x6/6                                  | 3,08                     | 44                           | 62                             | 16,6                      | 244,8                    | 554,0             |
| 3x10/10                                | 1,83                     | 60                           | 83                             | 16,9                      | 408,0                    | 709,0             |
| 3x16/16                                | 1,15                     | 80                           | 107                            | 20,7                      | 652,8                    | 1093,0            |
| 3x25/16                                | 0,727                    | 108                          | 138                            | 24,0                      | 928,2                    | 1510,0            |
| 3x35/16                                | 0,524                    | 132                          | 164                            | 25,2                      | 1234,2                   | 1571,0            |
| 3x35/35                                | 0,524                    | 132                          | 164                            | 25,5                      | 1428,0                   | 1767,0            |
| 3x50/25                                | 0,387                    | 160                          | 195                            | 29,1                      | 1785,0                   | 2220,0            |
| 3x50/50                                | 0,387                    | 160                          | 195                            | 29,6                      | 2040,0                   | 2480,0            |
| 3x70/35                                | 0,268                    | 202                          | 238                            | 32,6                      | 2499,0                   | 3007,0            |
| 3x70/70                                | 0,268                    | 202                          | 238                            | 33,2                      | 2856,0                   | 3370,0            |
| 3x95/50                                | 0,193                    | 249                          | 286                            | 37,6                      | 3417,0                   | 4077,0            |
| 3x95/95                                | 0,193                    | 249                          | 286                            | 38,3                      | 3876,0                   | 4543,0            |
| 3x120/70                               | 0,153                    | 289                          | 286                            | 41,1                      | 4386,0                   | 5133,0            |
| 3x120/120                              | 0,153                    | 289                          | 286                            | 41,8                      | 4896,0                   | 5650,0            |
| 3x150/70                               | 0,124                    | 329                          | 365                            | 45,2                      | 5304,0                   | 6196,0            |
| 3x150/150                              | 0,124                    | 329                          | 365                            | 46,2                      | 6120,0                   | 7024,0            |
| 3x185/95                               | 0,0991                   | 377                          | 413                            | 50,1                      | 6630,0                   | 7715,0            |
| 3x240/120                              | 0,0754                   | 443                          | 479                            | 56,8                      | 8568,0                   | 9910,0            |
| 4x4/4                                  | 4,61                     | 34                           | 50                             | 16,5                      | 204,0                    | 507,2             |
| 4x4/6                                  | 4,61                     | 34                           | 50                             | 16,6                      | 224,4                    | 528,5             |
| 4x6/6                                  | 3,08                     | 44                           | 62                             | 17,8                      | 306,0                    | 648,2             |
| 4x10/10                                | 1,83                     | 60                           | 83                             | 20,0                      | 510,0                    | 917,4             |
| 4x16/16                                | 1,15                     | 80                           | 107                            | 22,4                      | 816,0                    | 1301,2            |
| 4x25/16                                | 0,727                    | 108                          | 138                            | 26,1                      | 1183,2                   | 1824,3            |
| 4x35/16                                | 0,524                    | 132                          | 164                            | 27,5                      | 1591,2                   | 1993,1            |
| 4x50/25                                | 0,387                    | 160                          | 195                            | 32,1                      | 2295,0                   | 2833,9            |
| 4x70/35                                | 0,268                    | 202                          | 238                            | 35,9                      | 3213,0                   | 3840,6            |
| 4x95/50                                | 0,193                    | 249                          | 286                            | 41,5                      | 4386,0                   | 5200,8            |
| 4x120/70                               | 0,153                    | 289                          | 286                            | 45,4                      | 5610,0                   | 6533,8            |
| 4x150/70                               | 0,124                    | 329                          | 365                            | 50,1                      | 6834,0                   | 7959,6            |
| 4x185/95                               | 0,0991                   | 377                          | 413                            | 55,4                      | 8517,0                   | 9867,9            |
| 4x240/120                              | 0,0754                   | 443                          | 479                            | 62,9                      | 11016,0                  | 12698,5           |
| 4x300/150                              | 0,0601                   | 504                          | 518                            | 69,4                      | 13770,0                  | 15786,4           |

## NAPOMENE / NOTES

- Struje: u vazduhu na 30 °C, u zemlji na 20 °C; otpor na 20 °C. / Currents: in air at 30 °C, in earth at 20 °C; resistance at 20 °C.
- Oznaka preseka: fazni provodnici / koncentrični provodnik (npr. 3x70/35). / Section designation: phase conductors / concentric conductor (e.g. 3x70/35).
- Sve vrednosti su orijentacione i podložne izmenama bez najave. / All values are indicative and subject to change without notice.