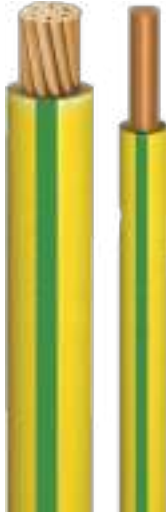


## KABEL NYA - SUTRADO



kabel yang terbuat dari bahan tembaga tunggal dengan inti satu dan dilapisi bahan isolator PVC satu lapis. Kabel jenis ini sering digunakan untuk instalasi di perumahan dan instalasi kabel udara dan untuk keamanan menggunakan kabel NYAF, sebaiknya dilengkapi dengan pelindung seperti pipa PVC

### DIAGRAMS

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### SPECIFICATIONS

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**Tools, Main Rubber, Accessories, Lightning Protection, Grounding System  
Exothermic Welding, Electrical & Technical**



| NYA                    |   |     |                          |                      |                             |                             |                                     |            |  |         |            |
|------------------------|---|-----|--------------------------|----------------------|-----------------------------|-----------------------------|-------------------------------------|------------|--|---------|------------|
| PHYSICAL PROPERTIES    |   |     | ELECTRICAL PROPERTIES    |                      |                             |                             |                                     |            |  |         |            |
| Nom Cross Section Area |   |     | Approx. Overall Diameter | Approx. Cable Weight | Conductor                   |                             | Min. Insulation Resistance at 70 °C | Inductance | Max. Current - Carrying Capacity at 30 °C* |         | Max. Short |
|                        |   |     |                          |                      | Max. DC Resistance at 20 °C | Max. AC Resistance at 70 °C |                                     |            | in air                                     | in pipe |            |
| mm <sup>2</sup>        |   |     | mm                       | kg/km                | ohm/km                      | ohm/km                      | M.ohm.km                            | mH/km      | A  | A       | kA         |
| 1                      | x | 15  | 3.06                     | 22                   | 12.100                      | 14.478                      | 0.010                               | 0.399      | 26   | 18      | 0.21       |
| 1                      | x | 2.5 | 3.68                     | 34                   | 7.410                       | 8.866                       | 0.009                               | 0.387      | 35   | 24      | 0.36       |
| 1                      | x | 4   | 4.19                     | 49                   | 4.610                       | 5.516                       | 0.008                               | 0.363      | 45   | 32      | 0.57       |
| 1                      | x | 6   | 4.76                     | 70                   | 3.080                       | 3.685                       | 0.007                               | 0.344      | 57   | 40      | 0.86       |
| 1                      | x | 10  | 6.06                     | 115                  | 1.830                       | 2.190                       | 0.007                               | 0.341      | 79   | 55      | 1.43       |
| 1                      | x | 16  | 7.11                     | 174                  | 1.150                       | 1.376                       | 0.005                               | 0.322      | 104  | 73      | 2.29       |
| 1                      | x | 25  | 8.77                     | 270                  | 0.727                       | 0.870                       | 0.005                               | 0.319      | 137  | 96      | 3.58       |
| 1                      | x | 35  | 10.31                    | 376                  | 0.524                       | 0.627                       | 0.004                               | 0.318      | 168  | 118     | 5.01       |
| 1                      | x | 50  | 11.65                    | 493                  | 0.387                       | 0.464                       | 0.004                               | 0.308      | 202  | 141     | 7.15       |
| 1                      | x | 70  | 13.40                    | 690                  | 0.268                       | 0.321                       | 0.004                               | 0.297      | 251  | 175     | 10.01      |
| 1                      | x | 95  | 15.65                    | 950                  | 0.193                       | 0.232                       | 0.003                               | 0.296      | 306  | 214     | 13.59      |
| 1                      | x | 120 | 17.23                    | 1,179                | 0.153                       | 0.184                       | 0.003                               | 0.290      | 351  | 245     | 17.16      |
| 1                      | x | 150 | 19.17                    | 1,456                | 0.124                       | 0.150                       | 0.003                               | 0.290      | 398  | -       | 21.45      |
| 1                      | x | 185 | 21.39                    | 1,817                | 0.099                       | 0.121                       | 0.003                               | 0.290      | 455  | -       | 26.46      |
| 1                      | x | 240 | 24.39                    | 2,382                | 0.075                       | 0.093                       | 0.003                               | 0.288      | 533  | -       | 34.32      |
| 1                      | x | 300 | 27.13                    | 2,967                | 0.060                       | 0.075                       | 0.003                               | 0.287      | 605  | -       | 42.90      |
| 1                      | x | 400 | 400                      | 3,768                | 0.047                       | 0.060                       | 0.003                               | 0.285      | 691  | -       | 57.20      |

\*Further information about derating factors for arrangement can be found on supplementary technical information.



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