

# Power cable

## NYY-J/-O



**Application:** For fixed installation indoors, outdoors, in the ground, in water and in concrete.

### Construction and technical data:

|                                                 |                                |
|-------------------------------------------------|--------------------------------|
| CPR-classification according to EN 50575:       | Eca                            |
| Standard:                                       | VDE 0276-603                   |
| Conductor material:                             | copper, bare                   |
| Conductor construction:                         | class 1, from 25 sqmm class 2  |
| Insulation:                                     | PVC DIV 4                      |
| Sheathing material:                             | PVC DMV5                       |
| Colour of outer sheath:                         | black                          |
| Flame-retardant:                                | VDE 0482-332-1-2/IEC 60332-1-2 |
| UV-resistant:                                   | yes                            |
| For outdoor use:                                | yes                            |
| Max. temperature at conductor, °C:              | 70 °C                          |
| Permitted outer cable temperature, fixed, °C:   | 70 °C                          |
| Permitted outer cable temperature, moved, °C:   | -5 - +70 °C                    |
| Bending radius, fixed installation, multicore:  | 12 x Ø                         |
| Bending radius, fixed installation, singlecore: | 15 x Ø                         |
| Meter mark:                                     | yes                            |



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

### Core identification

| Number of cores | with protective conductor              | without protective conductor    |
|-----------------|----------------------------------------|---------------------------------|
| 1               | green-yellow                           | black                           |
| 2               | -                                      | blue, brown                     |
| 3               | green-yellow, blue, brown              | brown, black, grey              |
| 4               | green-yellow, brown, black, grey       | blue, brown, black, grey        |
| 5               | green-yellow, blue, brown, black, grey | blue, brown, black, grey, black |

NYY-J

Nominal voltage Uo:
 0.6 kV

Nominal voltage U:
 1 kV

Maximum permitted operating voltage in three-phase systems:
 1.2 kV

Nominal voltage DC (core-earth/core-core):
 1,8/1,8 kV

Test voltage:
 4 kV

Protective conductor:
 yes

| part no. | part name                    |     | RI [Ohm/km] | Wi [mm] | Ibl [A] | Ibe [A] | Ik [kA] | Lb [mH/km] | Wm [mm] | Rbv [mm] | Ø [mm] | Fzv [N] | Cu    | G [kg] |
|----------|------------------------------|-----|-------------|---------|---------|---------|---------|------------|---------|----------|--------|---------|-------|--------|
| 011840   | 01X4                         | RE  | 4.61        | 1       |         |         | 0.46    | 0.459      | 1.8     | 136.5    | 9.1    | 200     | 38    | 110    |
| 011742   | 01X6                         | RE  | 3.08        | 1       |         |         | 0.69    | 0.431      | 1.8     | 142.5    | 9.5    | 300     | 58    | 130    |
| 010133   | 01X10                        | RE  | 1.83        | 1       |         |         | 1.15    | 0.399      | 1.8     | 153      | 10.2   | 500     | 96    | 180    |
| 010116   | 01X16                        | RE  | 1.15        | 1       |         |         | 1.84    | 0.371      | 1.8     | 168      | 11.2   | 800     | 154   | 240    |
| 010117   | 01X25                        | RM  | 0.727       | 1.2     |         |         | 2.87    | 0.35       | 1.8     | 183      | 12.2   | 1250    | 240   | 350    |
| 010118   | 01X35                        | RM  | 0.524       | 1.2     |         |         | 4.02    | 0.333      | 1.8     | 198      | 13.2   | 1750    | 336   | 460    |
| 010119   | 01X50                        | RMv | 0.387       | 1.4     |         |         | 5.75    | 0.325      | 1.8     | 231      | 15.4   | 2500    | 480   | 600    |
| 010120   | 01X70                        | RMv | 0.268       | 1.4     |         |         | 8.05    | 0.309      | 1.8     | 246      | 16.4   | 3500    | 672   | 800    |
| 010121   | 01X95                        | RMv | 0.193       | 1.6     |         |         | 10.9    | 0.302      | 1.8     | 277.5    | 18.5   | 4750    | 912   | 1083   |
| 010147   | 01X120                       | RMv | 0.153       | 1.6     |         |         | 13.8    | 0.294      | 1.8     | 307.5    | 20.5   | 6000    | 1152  | 1320   |
| 010148   | 01X150                       | RMv | 0.124       | 1.8     |         |         | 17.2    | 0.29       | 1.8     | 337.5    | 22.5   | 7500    | 1440  | 1610   |
| 010506   | 01X185                       | RMv | 0.0991      | 2       |         |         | 21.3    | 0.287      | 1.8     | 369      | 24.6   | 9250    | 1776  | 1983   |
| 010507   | 01X240                       | RMv | 0.0754      | 2.2     |         |         | 27.6    | 0.281      | 1.8     | 414      | 27.6   | 12000   | 2304  | 2553   |
| 011225   | 01X300                       | RMv | 0.0601      | 2.4     |         |         | 34.5    | 0.279      | 1.9     | 445.5    | 29.7   | 15000   | 2880  | 3170   |
| 012110   | 01X400                       | RMv | 0.047       | 2.6     |         |         | 41.2    | 0.275      | 2       | 507      | 33.8   | 20000   | 3840  | 4033   |
| 010003   | 03X1.5                       | RE  | 12.1        | 0.8     | 19      | 27      | 0.17    | 0.343      | 1.8     | 134.4    | 11.2   | 225     | 43    | 190    |
| 010012   | 03X2.5                       | RE  | 7.41        | 0.8     | 25      | 36      | 0.29    | 0.317      | 1.8     | 146.4    | 12.2   | 375     | 72    | 240    |
| 010020   | 03X4                         | RE  | 4.61        | 1       | 34      | 47      | 0.46    | 0.316      | 1.8     | 170.4    | 14.2   | 600     | 115   | 330    |
| 010023   | 03X6                         | RE  | 3.08        | 1       | 43      | 59      | 0.69    | 0.298      | 1.8     | 182.4    | 15.2   | 900     | 173   | 420    |
| 010004   | 03X10                        | RE  | 1.83        | 1       | 59      | 79      | 1.15    | 0.278      | 1.8     | 207.6    | 17.3   | 1500    | 288   | 580    |
| 015771   | 03X10 RM                     | RM  | 1.83        | 1       | 59      | 79      | 1.15    | 0.278      | 1.8     | 222      | 18.5   | 1500    | 288   | 640    |
| 010009   | 03X16                        | RE  | 1.15        | 1       | 79      | 103     | 1.84    | 0.262      | 1.8     | 231.6    | 19.3   | 2400    | 461   | 810    |
| 014631   | 03X16 RM (with reference to) | RM  | 1.15        | 1       | 79      | 103     | 1.84    | 0.262      | 1.8     | 222      | 18.5   | 2400    | 461   | 750    |
| 010015   | 03X25                        | RM  | 0.727       | 1.2     | 106     | 133     | 2.87    | 0.257      | 1.8     | 294      | 24.5   | 3750    | 720   | 1292   |
| 010018   | 03X35                        | SM  | 0.524       | 1.2     | 129     | 159     | 4.02    | 0.248      | 1.8     | 271.2    | 22.6   | 5250    | 1008  | 1305   |
| 010021   | 03X50                        | SMv | 0.387       | 1.4     | 157     | 188     | 5.75    | 0.247      | 1.8     | 307.2    | 25.6   | 7500    | 1440  | 1710   |
| 010024   | 03X70                        | SMv | 0.268       | 1.4     | 199     | 232     | 8.05    | 0.238      | 2       | 356.4    | 29.7   | 10500   | 2016  | 2390   |
| 010026   | 03X95                        | SMv | 0.193       | 1.6     | 246     | 280     | 10.9    | 0.238      | 2.1     | 405.6    | 33.8   | 14250   | 2736  | 3220   |
| 010005   | 03X120                       | SMv | 0.153       | 1.6     | 285     | 318     | 13.8    | 0.233      | 2.2     | 429.6    | 35.8   | 18000   | 3456  | 3930   |
| 010007   | 03X150                       | SMv | 0.124       | 1.8     | 326     | 359     | 17.2    | 0.233      | 2.3     | 477.6    | 39.8   | 22500   | 4320  | 4810   |
| 010010   | 03X185                       | SMv | 0.0991      | 2       | 374     | 406     | 21.3    | 0.233      | 2.5     | 552      | 46     | 27750   | 5328  | 6010   |
| 010013   | 03X240                       | SMv | 0.0754      | 2.2     | 445     | 473     | 27.6    | 0.231      | 2.7     | 612      | 51     | 36000   | 6912  | 7820   |
| 014166   | 03X400                       | SMv | 0.047       |         | 597     | 613     | 34.5    |            | 2.7     | 749      | 62.4   | 60000   | 11520 | 13721  |
| 010016   | 03X25/16                     | RM  | 0.727       | 1.2     | 106     | 133     | 2.87    | 0.257      | 1.8     | 294      | 24.5   | 4550    | 874   | 1470   |
| 010019   | 03X35/16                     | SM  | 0.524       | 1.2     | 129     | 159     | 4.02    | 0.248      | 1.8     | 294      | 24.5   | 6050    | 1162  | 1700   |
| 010022   | 03X50/25                     | SMv | 0.387       | 1.4     | 157     | 188     | 5.75    | 0.247      | 1.9     | 344.4    | 28.7   | 8750    | 1680  | 2300   |
| 010025   | 03X70/35                     | SMv | 0.268       | 1.4     | 199     | 232     | 8.05    | 0.238      | 2       | 380.4    | 31.7   | 12250   | 2352  | 2800   |
| 010027   | 03X95/50                     | SMv | 0.193       | 1.6     | 246     | 280     | 10.9    | 0.238      | 2.2     | 453.6    | 37.8   | 16750   | 3216  | 3780   |
| 010006   | 03X120/70                    | SMv | 0.153       | 1.6     | 285     | 318     | 13.8    | 0.233      | 2.3     | 492      | 41     | 21500   | 4128  | 4700   |
| 010008   | 03X150/70                    | SMv | 0.124       | 1.8     | 326     | 359     | 17.2    | 0.233      | 2.4     | 540      | 45     | 26000   | 4992  | 5600   |
| 010011   | 03X185/95                    | SMv | 0.0991      | 2       | 374     | 406     | 21.3    | 0.233      | 2.6     | 600      | 50     | 30250   | 6240  | 7120   |
| 010014   | 03X240/120                   | SMv | 0.0754      | 2.2     | 445     | 473     | 27.6    | 0.231      | 2.8     | 684      | 57     | 42000   | 8064  | 9117   |
| 010017   | 03X300/150                   | SMv | 0.0601      | 2.4     | 511     | 535     | 34.5    | 0.231      | 2.9     | 768      | 64     | 52500   | 10080 | 11200  |
| 010028   | 04X1.5                       | RE  | 12.1        | 0.8     | 19      | 27      | 0.17    | 0.366      | 1.8     | 146.4    | 12.2   | 300     | 58    | 220    |

| part no. | part name                    |     | RI [Ohm/km] | Wi [mm] | Ibl [A] | Ibe [A] | Ik [kA] | Lb [mH/km] | Wm [mm] | Rbv [mm] | Ø [mm] | Fzv [N] | Cu    | G [kg] |
|----------|------------------------------|-----|-------------|---------|---------|---------|---------|------------|---------|----------|--------|---------|-------|--------|
| 010034   | 04X2.5                       | RE  | 7.41        | 0.8     | 25      | 36      | 0.29    | 0.34       | 1.8     | 158.4    | 13.2   | 500     | 96    | 290    |
| 010038   | 04X4                         | RE  | 4.61        | 1       | 34      | 47      | 0.46    | 0.339      | 1.8     | 183.6    | 15.3   | 800     | 154   | 400    |
| 010040   | 04X6                         | RE  | 3.08        | 1       | 43      | 59      | 0.69    | 0.321      | 1.8     | 195.6    | 16.3   | 1200    | 230   | 510    |
| 010029   | 04X10                        | RE  | 1.83        | 1       | 59      | 79      | 1.15    | 0.301      | 1.8     | 219.6    | 18.3   | 2000    | 384   | 720    |
| 014632   | 04X10 RM (with reference to) | RM  | 1.83        | 1       | 59      | 79      | 1.15    | 0.301      | 1.8     | 216      | 18     |         | 384   | 640    |
| 010032   | 04X16                        | RE  | 1.15        | 1       | 79      | 103     | 1.84    | 0.285      | 1.8     | 256.8    | 21.4   | 3200    | 614   | 1050   |
| 011018   | 04X16 RM (with reference to) | RM  | 1.15        | 1       | 79      | 103     | 1.84    | 0.285      | 1.8     | 257      | 21.4   | 3200    | 614   | 1050   |
| 010036   | 04X25                        | RM  | 0.727       | 1.2     | 106     | 133     | 2.87    | 0.28       | 1.8     | 306      | 25.5   | 5000    | 960   | 1600   |
| 010037   | 04X35                        | SM  | 0.524       | 1.2     | 129     | 159     | 4.02    | 0.271      | 1.8     | 332.4    | 27.7   | 7000    | 1344  | 1730   |
| 010039   | 04X50                        | SMv | 0.387       | 1.4     | 157     | 188     | 5.75    | 0.27       | 1.9     | 357.6    | 29.8   | 10000   | 1920  | 2248   |
| 010041   | 04X70                        | SMv | 0.268       | 1.4     | 199     | 232     | 8.05    | 0.262      | 2.1     | 405.6    | 33.8   | 14000   | 2688  | 3100   |
| 010042   | 04X95                        | SMv | 0.193       | 1.6     | 246     | 280     | 10.9    | 0.261      | 2.2     | 466.8    | 38.9   | 19000   | 3648  | 4200   |
| 010030   | 04X120                       | SMv | 0.153       | 1.6     | 285     | 318     | 13.8    | 0.256      | 2.4     | 504      | 42     | 24000   | 4608  | 5200   |
| 010031   | 04X150                       | SMv | 0.124       | 1.8     | 326     | 359     | 17.2    | 0.256      | 2.5     | 564      | 47     | 30000   | 5760  | 6400   |
| 010033   | 04X185                       | SMv | 0.0991      | 2       | 374     | 406     | 21.3    | 0.256      | 2.7     | 624      | 52     | 37000   | 7104  | 8050   |
| 010035   | 04X240                       | SMv | 0.0754      | 2.2     | 445     | 473     | 27.6    | 0.254      | 2.9     | 696      | 58     | 48000   | 9216  | 10383  |
| 013150   | 04X300                       | SMv | 0.0601      | 2.4     | 511     | 535     | 34.5    | 0.254      | 3       | 748      | 62.4   | 60000   | 11520 | 12900  |
| 010043   | 05X1.5                       | RE  | 12.1        | 0.8     | 19      | 27      | 0.17    | 0.375      | 1.8     | 158.4    | 13.2   | 375     | 72    | 270    |
| 010046   | 05X2.5                       | RE  | 7.41        | 0.8     | 25      | 36      | 0.29    | 0.349      | 1.8     | 170.4    | 14.2   | 625     | 120   | 350    |
| 010049   | 05X4                         | RE  | 4.61        | 1       | 34      | 47      | 0.46    | 0.348      | 1.8     | 195.6    | 16.3   | 1000    | 192   | 480    |
| 010050   | 05X6                         | RE  | 3.08        | 1       | 43      | 59      | 0.69    | 0.33       | 1.8     | 219.6    | 18.3   | 1500    | 288   | 610    |
| 010044   | 05X10                        | RE  | 1.83        | 1       | 59      | 79      | 1.15    | 0.31       | 1.8     | 244.8    | 20.4   | 2500    | 480   | 880    |
| 014455   | 05X10 RM (with reference to) | RM  | 1.83        | 1       | 59      | 79      | 1.15    | 0.31       | 1.8     | 234      | 19.5   | 2500    | 480   | 816    |
| 010045   | 05X16                        | RE  | 1.15        | 1       | 79      | 103     | 1.84    | 0.294      | 1.8     | 268.8    | 22.4   | 4000    | 768   | 1250   |
| 014039   | 05X16 RM (with reference to) | RM  | 1.15        | 1       | 79      | 103     | 1.84    | 0.294      | 1.8     | 276      | 23     | 4000    | 768   | 1250   |
| 010047   | 05X25                        | RM  | 0.727       | 1.2     | 106     | 133     | 2.87    | 0.289      | 1.8     | 330      | 27.5   | 6250    | 1200  | 1927   |
| 010048   | 05X35                        | RM  | 0.524       | 1.2     | 129     | 159     | 4.02    | 0.285      | 1.8     | 403.2    | 33.6   | 8750    | 1680  | 2400   |
| 011028   | 05X50                        | RMv | 0.387       | 1.4     | 157     | 188     | 5.75    | 0.28       | 1.8     | 480      | 40     | 12500   | 2400  | 3295   |
| 012086   | 05X70                        | RMv | 0.268       | 1.4     | 199     | 232     | 8.05    | 0.275      | 2.1     | 508.8    | 42.4   | 17500   | 3360  | 4450   |
| 012087   | 05X95                        | RMv | 0.193       | 1.6     | 246     | 280     | 10.9    | 0.273      | 2.1     | 600      | 50     | 23750   | 4560  | 6104   |
| 012088   | 05X120                       | RMv | 0.153       | 1.6     | 285     | 318     | 13.8    | 0.27       | 2.4     | 615.6    | 51.3   | 30000   | 5760  | 7460   |
| 014648   | 05X150                       | RMv | 0.124       | 1.8     | 326     | 359     | 17.2    |            | 2.5     | 702      | 58.5   | 37500   | 7200  | 8361   |
| 014535   | 05X185                       | RMv | 0.0991      | 2       | 374     | 406     | 21.3    |            | 2.7     | 756      | 63     | 46250   | 8880  | 11382  |
| 013951   | 05X240                       | RMv | 0.0754      | 2.2     | 445     | 473     | 27.6    |            | 2.9     | 839      | 69.9   | 60000   | 11520 | 13348  |

NYY-O

Nominal voltage Uo: 0.6 kV

Nominal voltage U: 1 kV

Maximum permitted operating voltage in three- 1.2 kV

phase systems:

Nominal voltage DC (core-earth/core-core): 1,8/1,8 kV

Test voltage: 4 kV

Protective conductor: no

| part no. | part name |    | RI [Ohm/km] | Wi [mm] | Ibl [A] | Ibe [A] | Ik [kA] | Lb [mH/km] | Wm [mm] | Rbv [mm] | Ø [mm] | Fzv [N] | Cu   | G [kg] |
|----------|-----------|----|-------------|---------|---------|---------|---------|------------|---------|----------|--------|---------|------|--------|
| 011512   | 01X1.5    | RE | 12.1        | 0.8     | 19      | 27      | 0.17    |            | 1.8     | 105      | 7      | 75      | 14.4 | 63     |
| 012625   | 01X2.5    | RE | 7.41        | 0.8     | 28      | 39      | 0.29    |            | 1.8     | 119      | 7.9    | 125     | 24   | 105    |
| 010085   | 01X4      | RE | 4.61        | 1       | 37      | 50      | 0.46    | 0.459      | 1.8     | 137      | 9.1    | 200     | 38   | 110    |
| 010087   | 01X6      | RE | 3.08        | 1       | 47      | 62      | 0.69    | 0.431      | 1.8     | 142.5    | 9.5    | 300     | 58   | 130    |
| 010076   | 01X10     | RE | 1.83        | 1       | 64      | 83      | 1.15    | 0.399      | 1.8     | 153      | 10.2   | 500     | 96   | 180    |
| 010079   | 01X16     | RE | 1.15        | 1       | 84      | 107     | 1.84    | 0.371      | 1.8     | 168      | 11.2   | 800     | 154  | 240    |
| 010082   | 01X25     | RM | 0.727       | 1.2     | 114     | 138     | 2.87    | 0.35       | 1.8     | 183      | 12.2   | 1250    | 240  | 350    |
| 010084   | 01X35     | RM | 0.524       | 1.2     | 139     | 164     | 4.02    | 0.333      | 1.8     | 198      | 13.2   | 1750    | 336  | 460    |

| part no. | part name |     | RI [Ohm/km] | Wi [mm] | Ibl [A] | Ibe [A] | Ik [kA] | Lb [mH/km] | Wm [mm] | Rbv [mm] | Ø [mm] | Fzv [N] | Cu   | G [kg] |
|----------|-----------|-----|-------------|---------|---------|---------|---------|------------|---------|----------|--------|---------|------|--------|
| 010086   | 01X50     | RMv | 0.387       | 1.4     | 169     | 195     | 5.75    | 0.325      | 1.8     | 231      | 15.4   | 2500    | 480  | 600    |
| 010088   | 01X70     | RMv | 0.268       | 4.4     | 213     | 238     | 8.05    | 0.309      | 1.8     | 246      | 16.4   | 3500    | 672  | 800    |
| 010089   | 01X95     | RMv | 0.193       | 1.6     | 264     | 280     | 10.9    | 0.302      | 1.8     | 277.5    | 18.5   | 4750    | 912  | 1100   |
| 010077   | 01X120    | RMv | 0.153       | 1.6     | 307     | 325     | 13.8    | 0.294      | 1.8     | 307.5    | 20.5   | 6000    | 1152 | 1350   |
| 010078   | 01X150    | RMv | 0.124       | 1.8     | 352     | 365     | 11.4    | 0.29       | 1.8     | 337.5    | 22.5   | 7500    | 1440 | 1650   |
| 010080   | 01X185    | RMv | 0.0991      | 2       | 406     | 413     | 21.3    | 0.287      | 1.8     | 369      | 24.6   | 9250    | 1776 | 2000   |
| 010081   | 01X240    | RMv | 0.0754      | 2.2     | 483     | 479     | 27.6    | 0.281      | 1.8     | 414      | 27.6   | 12000   | 2304 | 2600   |
| 010083   | 01X300    | RMv | 0.0601      | 2.4     | 557     | 541     | 34.5    | 0.279      | 1.9     | 445.5    | 29.7   | 15000   | 2880 | 3200   |
| 010115   | 01X400    | RMv | 0.047       | 2.6     | 646     | 614     | 41.2    | 0.275      | 2       | 507      | 33.8   | 20000   | 3840 | 4100   |
| 010141   | 01X500    | RMv | 0.0366      | 2.8     | 747     | 693     | 51.5    | 0.272      | 2.1     | 570      | 38     | 25000   | 4800 | 5200   |
| 010283   | 01X630    | RMv | 0.0283      | 2.8     | 858     | 777     | 64      | 0.271      | 2.2     | 637.5    | 42.5   | 31500   | 6048 | 6650   |
| 014517   | 01X800    | RMv | 0.0221      | 3       | 971     | 859     |         |            | 2.4     |          | 45.2   | 40000   | 7680 | 8088   |
| 010090   | 02X1.5    | RE  | 12.1        | 0.8     | 19      | 27      | 0.17    |            | 1.8     | 132      | 11     | 150     | 29   | 170    |
| 010093   | 02X2.5    | RE  | 7.41        | 0.8     | 25      | 36      | 0.29    |            | 1.8     | 144      | 12     | 250     | 48   | 210    |
| 010095   | 02X4      | RE  | 4.61        | 1       | 34      | 47      | 0.46    |            | 1.8     | 168      | 14     | 400     | 77   | 290    |
| 010096   | 02X6      | RE  | 3.08        | 1       | 43      | 59      | 0.69    |            | 1.8     | 182.4    | 15.2   | 600     | 115  | 360    |
| 010091   | 02X10     | RE  | 1.83        | 1       | 59      | 79      | 1.15    |            | 1.8     | 199.2    | 16.6   | 1000    | 192  | 490    |
| 010092   | 02X16     | RE  | 1.15        | 1       | 79      | 103     | 1.84    |            | 1.8     | 228      | 19     | 1600    | 307  | 660    |
| 010140   | 02X25     | RM  | 0.727       | 1.2     | 106     | 133     | 2.87    |            | 1.8     | 276      | 23     | 2500    | 480  | 940    |
| 014009   | 02X35     | RM  | 0.524       | 1.2     | 106     | 133     | 4.02    |            |         |          | 25.6   |         | 672  | 1285   |
| 013967   | 02X50     | RMv | 0.387       | 1.4     | 157     | 188     | 5.75    |            | 1.8     | 324      | 27     | 5000    | 960  | 1620   |
| 011554   | 03X1.5    | RE  | 12.1        | 0.8     | 19      | 27      | 0.17    | 0.343      | 1.8     | 134.4    | 11.2   | 225     | 43   | 190    |
| 011033   | 03X2.5    | RE  | 7.41        | 0.8     | 25      | 36      | 0.29    | 0.317      | 1.8     | 146.4    | 12.2   | 375     | 72   | 240    |
| 010480   | 03X4      | RE  | 4.61        | 1       | 34      | 47      | 0.46    | 0.316      | 1.8     | 170.4    | 14.2   | 600     | 115  | 330    |
| 010508   | 03X6      | RE  | 3.08        | 1       | 43      | 59      | 0.69    | 0.298      | 1.8     | 182.4    | 15.2   | 900     | 173  | 420    |
| 010483   | 03X10     | RE  | 1.83        | 1       | 59      | 79      | 1.15    | 0.278      | 1.8     | 207.6    | 17.3   | 1500    | 288  | 580    |
| 010484   | 03X25     | RM  | 0.727       | 1.2     | 106     | 133     | 2.87    | 0.257      | 1.8     | 294      | 24.5   | 3750    | 720  | 1300   |
| 011032   | 03X35     | SM  | 0.524       | 1.2     | 129     | 159     | 4.02    | 0.248      | 1.8     | 271.2    | 22.6   | 5250    | 1008 | 1350   |
| 010150   | 03X50     | SMv | 0.387       | 1.4     | 157     | 188     | 5.75    | 0.247      | 1.8     | 307.2    | 25.6   | 7500    | 1440 | 1800   |
| 014010   | 03X70     | SMv | 0.268       | 1.4     | 199     | 232     | 8.05    |            | 1.8     | 356      | 29.7   | 10500   | 2016 | 2400   |
| 010149   | 03X95     | SMv | 0.193       | 1.6     | 246     | 280     | 10.9    | 0.238      | 2.1     | 405.6    | 33.8   | 14250   | 2736 | 3300   |
| 014011   | 03X120    | SMv | 0.153       | 1.6     | 285     | 318     | 13.8    |            | 2.4     | 430      | 35.8   | 18000   | 3456 | 4000   |
| 010510   | 03X150    | SMv | 0.124       | 1.8     | 326     | 359     | 17.2    | 0.233      | 2.3     | 477.6    | 39.8   | 22500   | 4320 | 4900   |
| 011552   | 03X185    | SMv | 0.0991      | 2       | 374     | 406     | 21.3    | 0.233      | 2.5     | 552      | 46     | 27750   | 5328 | 6500   |
| 014012   | 03X240    | SMv | 0.0754      | 2.2     | 445     | 473     | 27.6    |            | 2.9     | 612      | 51     | 36000   | 6912 | 8300   |
| 011553   | 04X1.5    | RE  | 12.1        | 0.8     | 19      | 27      | 0.17    | 0.366      | 1.8     | 146.4    | 12.2   | 300     | 58   | 220    |
| 011849   | 04X2.5    | RE  | 7.41        | 0.8     | 25      | 36      | 0.29    | 0.34       | 1.8     | 158.4    | 13.2   | 500     | 96   | 290    |
| 010509   | 04X4      | RE  | 4.61        | 1       | 34      | 47      | 0.46    | 0.339      | 1.8     | 183.6    | 15.3   | 800     | 154  | 400    |
| 010109   | 04X6      | RE  | 3.08        | 1       | 43      | 59      | 0.69    | 0.321      | 1.8     | 195.6    | 16.3   | 1200    | 230  | 510    |
| 010102   | 04X10     | RE  | 1.83        | 1       | 59      | 79      | 1.15    | 0.301      | 1.8     | 219.6    | 18.3   | 2000    | 384  | 720    |
| 010105   | 04X16     | RE  | 1.15        | 1       | 79      | 103     | 1.84    | 0.285      | 1.8     | 256.8    | 21.4   | 3200    | 614  | 1050   |
| 010106   | 04X25     | RM  | 0.727       | 1.2     | 106     | 133     | 2.87    | 0.28       | 1.8     | 306      | 25.5   | 5000    | 960  | 1600   |
| 010107   | 04X35     | SM  | 0.524       | 1.2     | 129     | 159     | 4.02    | 0.271      | 1.8     | 332.4    | 27.7   | 7000    | 1344 | 1750   |
| 010108   | 04X50     | SMv | 0.387       | 1.4     | 157     | 188     | 5.75    | 0.27       | 1.9     | 357.6    | 29.8   | 10000   | 1920 | 2300   |
| 010110   | 04X70     | SMv | 0.268       | 1.4     | 199     | 232     | 8.05    | 0.262      | 2.1     | 405.6    | 33.8   | 14000   | 2688 | 3100   |
| 010111   | 04X95     | SMv | 0.193       | 1.6     | 246     | 280     | 10.9    | 0.261      | 2.2     | 466.8    | 38.9   | 19000   | 3648 | 4200   |
| 010103   | 04X120    | SMv | 0.153       | 1.6     | 285     | 318     | 13.8    | 0.256      | 2.4     | 504      | 42     | 24000   | 4608 | 5200   |
| 010104   | 04X150    | SMv | 0.124       | 1.8     | 326     | 359     | 17.2    | 0.256      | 2.5     | 564      | 47     | 30000   | 5760 | 6400   |
| 011010   | 04X185    | SMv | 0.0991      | 2       | 374     | 406     | 21.3    | 0.256      | 2.7     | 624      | 52     | 37000   | 7104 | 8038   |
| 011531   | 04X240    | SMv | 0.0754      | 2.2     | 445     | 473     | 27.6    | 0.254      | 2.9     | 696      | 58     | 48000   | 9216 | 11000  |

|     |                                        |
|-----|----------------------------------------|
| RI  | Conductor resistance                   |
| Wi  | Insulation wall thickness              |
| Ibl | Ampacity in air (30 °C)                |
| Ibe | Ampacity in ground (20 °C)             |
| Ik  | Short-circuit current (1 s)            |
| Lb  | Specific inductivity                   |
| Wm  | Wall thickness of sheath               |
| Rbv | Bending radius, fixed installation     |
| Ø   | outer diameter approx.                 |
| Fzv | Tensile strength (during installation) |
| Cu  | Copper weight (GER)                    |
| G   | net weight per 1000                    |