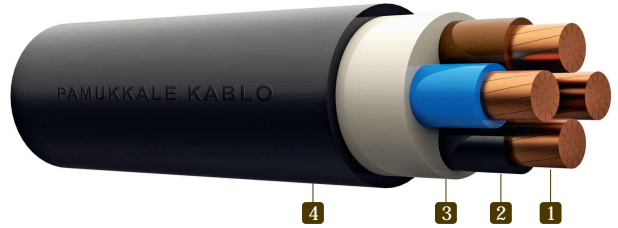


CONSTRUCTION

- 1 Copper conductor (class1-2)
- 2 XLPE insulation
- 3 PVC filler
- 4 PVC outer sheath



SPECIFICATIONS

Code : N2XY
 Standards : VDE 0276 - 603
 Rated Voltage : $U_0/U=0.6/1$ kV

Application :
 Used at illumination and energy networks as installation cables internally, externally or underground where there is no mechanical stress.



Temperature Range



Max. Operating Temperature



Short Circuit Temperature



Flame Retardant
IEC 60332 -1-2







Min. Bending Radius



RoHS

PHYSICAL AND ELECTRICAL PROPERTIES

| Nominal cross-section | Overall diameter approx. | Net weight approx. | Delivery drum type for 1000 m. cable | Conductor DC resistance at 20°C | Current carrying capacity in (30°C) | | | |
|-----------------------|--------------------------|--------------------|--------------------------------------|---------------------------------|---|---|---|---|
| | | | | | Earth | | Air | |
| | | | | | A | A | A | A |
| mm ² | mm | kg/km | cm | / km (max.) |  |  |  |  |
| 1x4 re | 7 | 73 | 60 | 4.61 | 82 | 54 | 57 | 44 |
| 1x6 re | 8 | 95 | 60 | 3.08 | 102 | 67 | 72 | 56 |
| 1x10 rm | 9 | 145 | 60 | 1.83 | 136 | 89 | 99 | 77 |
| 1x16 rm | 10 | 205 | 70 | 1.15 | 176 | 115 | 131 | 102 |
| 1x25 rm | 11 | 300 | 70 | 0.727 | 229 | 148 | 177 | 138 |
| 1x35 rm | 12 | 390 | 80 | 0.524 | 275 | 177 | 217 | 170 |
| 1x50 rm | 13 | 515 | 80 | 0.387 | 326 | 209 | 265 | 207 |
| 1x70 rm | 15 | 710 | 90 | 0.268 | 400 | 256 | 336 | 263 |
| 1x95 rm | 17 | 960 | 100 | 0.193 | 480 | 307 | 415 | 325 |
| 1x120 rm | 19 | 1200 | 110 | 0.153 | 548 | 349 | 485 | 380 |
| 1x150 rm | 21 | 1500 | 120 | 0.124 | 616 | 393 | 557 | 437 |
| 1x185 rm | 23 | 1850 | 130 | 0.0991 | 698 | 445 | 646 | 507 |
| 1x240 rm | 26 | 2380 | 140 | 0.0754 | 815 | 517 | 774 | 604 |
| 1x300 rm | 28 | 3000 | 150 | 0.0601 | 927 | 663 | 901 | 697 |
| 1x400 rm | 32 | 3800 | 160 | 0.0470 | 1064 | 749 | 1060 | 811 |
| 1x500 rm | 36 | 4880 | 180 | 0.0366 | 1227 | 843 | 1252 | 940 |



PHYSICAL AND ELECTRICAL PROPERTIES

| Nominal cross-section | Overall diameter approx. | Net weight approx. | Standart delivery length | Delivery drum type | Conductor DC resistance at 20°C | Current carrying capacity in (30°C) | | |
|-----------------------|--------------------------|--------------------|--------------------------|--------------------|---------------------------------|-------------------------------------|-----|-----|
| | | | | | | Earth | Air | |
| mm ² | mm | kg/km | m | cm | / km (max.) | A | A | |
| 2x1.5 | re | 10 | 125 | 1000 | 70 | 12.1 | 31 | 24 |
| 2x2.5 | re | 11 | 160 | 1000 | 70 | 7.41 | 40 | 32 |
| 2x4 | re | 12 | 210 | 1000 | 80 | 4.61 | 52 | 42 |
| 2x4 | rm | 12 | 230 | 1000 | 80 | 4.61 | 52 | 42 |
| 2x6 | re | 13 | 270 | 1000 | 80 | 3.08 | 64 | 53 |
| 2x6 | rm | 14 | 300 | 1000 | 90 | 3.08 | 64 | 53 |
| 2x10 | rm | 15 | 410 | 1000 | 90 | 1.83 | 86 | 74 |
| 2x16 | rm | 17 | 575 | 1000 | 100 | 1.15 | 112 | 98 |
| 2x25 | rm | 20 | 840 | 1000 | 120 | 0.727 | 145 | 133 |
| 2x35 | rm | 22 | 1100 | 1000 | 120 | 0.524 | 174 | 162 |
| 2x50 | rm | 25 | 1450 | 1000 | 140 | 0.387 | 206 | 197 |
| 3x1.5 | re | 10 | 150 | 1000 | 70 | 12.1 | 31 | 24 |
| 3x2.5 | re | 11 | 185 | 1000 | 70 | 7.41 | 40 | 32 |
| 3x4 | re | 12 | 250 | 1000 | 80 | 4.61 | 52 | 42 |
| 3x6 | re | 13 | 330 | 1000 | 80 | 3.08 | 64 | 53 |
| 3x10 | rm | 16 | 500 | 1000 | 100 | 1.83 | 86 | 74 |
| 3x16 | rm | 18 | 710 | 1000 | 110 | 1.15 | 112 | 98 |
| 3x25 | rm | 21 | 1050 | 1000 | 120 | 0.727 | 145 | 133 |
| 3x35 | rm | 24 | 1400 | 1000 | 130 | 0.524 | 174 | 162 |
| 3x50 | rm | 27 | 1850 | 1000 | 140 | 0.387 | 206 | 197 |
| 3x16/10 | rm | 20 | 830 | 1000 | 120 | 1.15 | 112 | 98 |
| 3x25/16 | rm | 23 | 1230 | 1000 | 130 | 0.727 | 145 | 133 |
| 3x35/16 | rm | 25 | 1550 | 1000 | 140 | 0.524 | 174 | 162 |
| 3x50/25 | rm | 28 | 2100 | 1000 | 150 | 0.387 | 206 | 197 |
| 3x70/35 | rm | 33 | 2930 | 1000 | 160 | 0.268 | 254 | 250 |
| 3x95/50 | rm | 37 | 3920 | 1000 | 180 | 0.193 | 305 | 308 |
| 3x120/70 | rm | 42 | 5020 | 500 | 160 | 0.153 | 348 | 359 |
| 3x150/70 | rm | 45 | 6020 | 500 | 160 | 0.124 | 392 | 412 |
| 3x185/95 | rm | 50 | 7550 | 500 | 200 | 0.0991 | 444 | 475 |
| 3x240/120 | rm | 57 | 9750 | 500 | 220 | 0.0754 | 517 | 564 |
| 3x300/150 | rm | 63 | 12300 | 500 | 220 | 0.0601 | 585 | 649 |
| 4x1.5 | re | 11 | 175 | 1000 | 70 | 12.1 | 31 | 24 |
| 4x2.5 | re | 12 | 225 | 1000 | 80 | 7.41 | 40 | 32 |
| 4x4 | re | 13 | 300 | 1000 | 80 | 4.61 | 52 | 42 |
| 4x4 | rm | 14 | 320 | 1000 | 90 | 4.61 | 52 | 42 |
| 4x6 | re | 14 | 400 | 1000 | 90 | 3.08 | 64 | 53 |
| 4x6 | rm | 15 | 430 | 1000 | 90 | 3.08 | 64 | 53 |
| 4x10 | rm | 18 | 620 | 1000 | 110 | 1.83 | 86 | 74 |
| 4x16 | rm | 20 | 905 | 1000 | 120 | 1.15 | 112 | 98 |
| 4x25 | rm | 23 | 1325 | 1000 | 130 | 0.727 | 145 | 133 |
| 4x35 | rm | 26 | 1760 | 1000 | 140 | 0.524 | 174 | 162 |
| 4x50 | rm | 30 | 2350 | 1000 | 150 | 0.387 | 206 | 197 |
| 4x70 | rm | 35 | 3320 | 1000 | 180 | 0.268 | 254 | 250 |
| 4x95 | rm | 39 | 4450 | 500 | 200 | 0.193 | 305 | 308 |
| 4x120 | rm | 43 | 5580 | 500 | 160 | 0.153 | 348 | 359 |
| 4x150 | rm | 48 | 6920 | 500 | 180 | 0.124 | 392 | 412 |
| 4x185 | rm | 53 | 8600 | 500 | 210 | 0.0991 | 444 | 475 |
| 4x240 | rm | 60 | 11150 | 500 | 220 | 0.0754 | 517 | 564 |
| 4x300 | rm | 67 | 14100 | 1000 | 240 | 0.0601 | 585 | 649 |
| 5x1.5 | re | 12 | 205 | 1000 | 80 | 12.1 | 31 | 24 |
| 5x2.5 | re | 13 | 275 | 1000 | 80 | 7.41 | 40 | 32 |
| 5x4 | re | 14 | 360 | 1000 | 90 | 4.61 | 52 | 42 |
| 5x4 | rm | 15 | 390 | 1000 | 90 | 4.61 | 52 | 42 |
| 5x6 | re | 16 | 480 | 1000 | 100 | 3.08 | 64 | 53 |
| 5x6 | rm | 17 | 515 | 1000 | 100 | 3.08 | 64 | 53 |
| 5x10 | rm | 19 | 760 | 1000 | 110 | 1.83 | 86 | 74 |
| 5x16 | rm | 22 | 1100 | 1000 | 120 | 1.15 | 112 | 98 |
| 5x25 | rm | 25 | 1630 | 1000 | 140 | 0.727 | 145 | 133 |