

**PVC INSULATED PVC SHEATHED SINGLE  
AND MULTI CORE ARMoured CABLES**
**NYBY 0.6 / 1 KV**

| Size            | No. strand x diameter | Insulation thickness | Tape armour thickness | Sheath thickness | Approx. Overall diameter | Approx. weight |
|-----------------|-----------------------|----------------------|-----------------------|------------------|--------------------------|----------------|
| mm <sup>2</sup> | N x dmm               | mm                   | mm                    | mm               | mm                       | Kg/km          |
| 2x1.5 re        | 1x1.38                | 0.8                  | 0.2                   | 1.8              | 13                       | 270            |
| 2x1.5 rm        | 7x0.52                | 0.8                  | 0.2                   | 1.8              | 13.2                     | 275            |
| 2x2.5 re        | 1x1.78                | 0.8                  | 0.2                   | 1.8              | 14                       | 315            |
| 2x2.5 rm        | 7x0.67                | 0.8                  | 0.2                   | 1.8              | 14.4                     | 320            |
| 2x4 re          | 1x2.26                | 1                    | 0.2                   | 1.8              | 15.5                     | 400            |
| 2x4 rm          | 7x0.85                | 1                    | 0.2                   | 1.8              | 15.8                     | 410            |
| 2x6 re          | 1x2.78                | 1                    | 0.2                   | 1.8              | 16.6                     | 490            |
| 2x6 rm          | 7x1.04                | 1                    | 0.2                   | 1.8              | 17                       | 505            |
| 2x10 re         | 1x3.57                | 1                    | 0.2                   | 1.8              | 18                       | 610            |
| 2x10 rm         | 7x1.35                | 1                    | 0.2                   | 1.8              | 18.5                     | 630            |
| 2x16 rm         | 7x1.7                 | 1                    | 0.2                   | 1.8              | 20.5                     | 815            |
| 2x25 rm         | 7x2.14                | 1.2                  | 0.2                   | 1.8              | 23.5                     | 1115           |
|                 |                       |                      |                       |                  |                          |                |
| 3x1.5 re        | 1x1.38                | 0.8                  | 0.2                   | 1.8              | 13.5                     | 300            |
| 3x1.5 rm        | 7x0.52                | 0.8                  | 0.2                   | 1.8              | 13.8                     | 310            |
| 3x2.5 re        | 1x1.78                | 0.8                  | 0.2                   | 1.8              | 14.5                     | 350            |
| 3x2.5 rm        | 7x0.67                | 0.8                  | 0.2                   | 1.8              | 14.8                     | 360            |
| 3x4 re          | 1x2.26                | 1                    | 0.2                   | 1.8              | 16                       | 455            |
| 3x4 rm          | 7x0.85                | 1                    | 0.2                   | 1.8              | 16.4                     | 470            |
| 3x6 re          | 1x2.78                | 1                    | 0.2                   | 1.8              | 17.6                     | 570            |
| 3x6 rm          | 7x1.04                | 1                    | 0.2                   | 1.8              | 18                       | 585            |
| 3x10 re         | 1x3.57                | 1                    | 0.2                   | 1.8              | 19.1                     | 735            |
| 3x10 rm         | 7x1.35                | 1                    | 0.2                   | 1.8              | 19.5                     | 750            |



|              |                      |           |     |     |      |       |
|--------------|----------------------|-----------|-----|-----|------|-------|
| 3x16 rm      | 7x1.7                | 1         | 0.2 | 1.8 | 21.5 | 980   |
| 3x25 rm      | 7x2.14               | 1.2       | 0.2 | 1.8 | 25   | 1380  |
| 3x35 rm      | 7x2.52               | 1.2       | 0.2 | 1.8 | 27.5 | 1750  |
| 3x50 sm      | 19x1.83              | 1.4       | 0.2 | 2   | 29.5 | 2090  |
| 3x70 sm      | 19x2.22              | 1.4       | 0.2 | 2.1 | 32   | 2770  |
| 3x95 sm      | 19x2.57              | 1.6       | 0.5 | 2.3 | 37.5 | 4070  |
| 3x120 sm     | 37x2.08              | 1.6       | 0.5 | 2.4 | 40.5 | 4860  |
| 3x150 sm     | 37x2.3               | 1.8       | 0.5 | 2.5 | 45   | 5900  |
| 3x185 sm     | 37x2.57              | 2         | 0.5 | 2.7 | 49.5 | 7280  |
| 3x240 sm     | 37x2.93              | 2.2       | 0.5 | 2.9 | 55.5 | 9270  |
| 3x300 sm     | 61x2.65              | 2.4       | 0.5 | 3.1 | 61.5 | 11350 |
|              |                      |           |     |     |      |       |
| 3x25/16 rm   | 7x- 2.14<br>7x1.7    | 1.2 - 1   | 0.2 | 1.8 | 26   | 1580  |
| 3x35/16 rm   | 7x- 2.52<br>7x1.7    | 1.2 - 1   | 0.2 | 1.8 | 28   | 1930  |
| 3x50/25 sm   | 19x- 1.83<br>7x2.14  | 1.4 - 1.2 | 0.2 | 2   | 33   | 2440  |
| 3x70/35 sm   | 19x- 2.22<br>7x2.52  | 1.4 - 1.2 | 0.5 | 2.1 | 37   | 3580  |
| 3x95/50 sm   | 19x- 2.57<br>19x1.83 | 1.6 - 1.4 | 0.5 | 2.3 | 42.5 | 4760  |
| 3x120/70 sm  | 37x- 2.08<br>19x2.22 | 1.6 - 1.4 | 0.5 | 2.4 | 46   | 5760  |
| 3x150/70 sm  | 37x- 2.30<br>19x2.22 | 1.8 - 1.4 | 0.5 | 2.6 | 51   | 6850  |
| 3x185/95 sm  | 37x- 2.57<br>37x2.57 | 2.0 - 1.6 | 0.5 | 2.8 | 55.5 | 8470  |
| 3x240/120 sm | 37x- 2.93<br>37x2.08 | 2.2 - 1.6 | 0.5 | 3.1 | 63.5 | 10780 |
| 3x300/150 sm | 61x2.65<br>37x2.30   | 2.4 - 1.8 | 0.5 | 3.3 | 71.5 | 13350 |
|              |                      |           |     |     |      |       |
| 4x1.5 re     | 1x1.38               | 0.8       | 0.2 | 1.8 | 14   | 340   |
| 4x1.5 rm     | 7x0.53               | 0.8       | 0.2 | 1.8 | 14.2 | 345   |



|           |         |     |     |     |      |       |
|-----------|---------|-----|-----|-----|------|-------|
| 4x2.5 re  | 1x1.78  | 0.8 | 0.2 | 1.8 | 15   | 405   |
| 4x2.5 rm  | 7x0.67  | 0.8 | 0.2 | 1.8 | 15.4 | 410   |
| 4x4 re    | 1x2.26  | 1   | 0.2 | 1.8 | 17   | 530   |
| 4x4 rm    | 7x0.85  | 1   | 0.2 | 1.8 | 17.4 | 540   |
| 4x6 re    | 1x2.78  | 1   | 0.2 | 1.8 | 19   | 695   |
| 4x6 rm    | 7x1.04  | 1   | 0.2 | 1.8 | 19.5 | 680   |
| 4x10 re   | 1x3.57  | 1   | 0.2 | 1.8 | 20.2 | 870   |
| 4x10 rm   | 7x1.35  | 1   | 0.2 | 1.8 | 21   | 890   |
| 4x16 rm   | 7x1.7   | 1   | 0.2 | 1.8 | 23   | 1180  |
| 4x25 rm   | 7x2.14  | 1.2 | 0.2 | 1.8 | 27   | 1700  |
| 4x35 rm   | 7x2.52  | 1.2 | 0.2 | 2   | 32.6 | 2340  |
| 4x50 sm   | 19x1.83 | 1.4 | 0.2 | 2.1 | 33   | 2710  |
| 4x70 sm   | 19x2.22 | 1.4 | 0.5 | 2.2 | 37   | 3940  |
| 4x95 sm   | 19x2.57 | 1.6 | 0.5 | 2.4 | 42.5 | 5270  |
| 4x120 sm  | 37x2.08 | 1.6 | 0.5 | 2.5 | 46   | 6330  |
| 4x150 sm  | 37x2.3  | 1.8 | 0.5 | 2.7 | 51.5 | 7700  |
| 4x185 sm  | 37x2.57 | 2   | 0.5 | 2.9 | 56.5 | 9495  |
| 4x240 sm  | 37x2.93 | 2.2 | 0.5 | 3.1 | 64   | 12150 |
| 4x300 sm  | 62x2.65 | 2.4 | 0.5 | 3.3 | 72   | 15050 |
|           |         |     |     |     |      |       |
| 5x1.5 re  | 1x1.38  | 0.8 | 0.2 | 1.8 | 14.6 | 360   |
| 7x1.6 re  | 1x1.38  | 0.8 | 0.2 | 1.8 | 15.8 | 430   |
| 8x1.5 re  | 1x1.38  | 0.8 | 0.2 | 1.8 | 18.4 | 535   |
| 10x1.5 re | 1x1.38  | 0.8 | 0.2 | 1.8 | 18.8 | 570   |
| 12x1.5 re | 1x1.38  | 0.8 | 0.2 | 1.8 | 19.4 | 630   |
| 14x1.5 re | 1x1.38  | 0.8 | 0.2 | 1.8 | 20.2 | 680   |
| 16x1.5 re | 1x1.38  | 0.8 | 0.2 | 1.8 | 21   | 750   |
| 19x1.5 re | 1x1.38  | 0.8 | 0.2 | 1.8 | 21.6 | 850   |
| 24x1.5 re | 1x1.38  | 0.8 | 0.2 | 1.8 | 25   | 1065  |
| 30x1.5 re | 1x1.38  | 0.8 | 0.2 | 1.8 | 26.2 | 1190  |
| 37x1.5 re | 1x1.38  | 0.8 | 0.2 | 1.8 | 28.4 | 1450  |



|           |        |     |     |     |      |      |
|-----------|--------|-----|-----|-----|------|------|
| 40x1.5 re | 1x1.38 | 0.8 | 0.2 | 2   | 30   | 1560 |
| 52x1.5 re | 1x1.38 | 0.8 | 0.2 | 2.1 | 32.6 | 1840 |
| 61x1.5 re | 1x1.38 | 0.8 | 0.5 | 2.2 | 35   | 2380 |
|           |        |     |     |     |      |      |
| 5x1.5 rm  | 7x0.52 | 0.8 | 0.2 | 1.8 | 15   | 370  |
| 7x1.5 rm  | 7x0.52 | 0.8 | 0.2 | 1.8 | 16.4 | 440  |
| 8x1.5 rm  | 7x0.52 | 0.8 | 0.2 | 1.8 | 19   | 550  |
| 10x1.5 rm | 7x0.52 | 0.8 | 0.2 | 1.8 | 19.5 | 584  |
| 12x1.5 rm | 7x0.52 | 0.8 | 0.2 | 1.8 | 20.2 | 642  |
| 14x1.5 rm | 7x0.52 | 0.8 | 0.2 | 1.8 | 21   | 700  |
| 16x1.5 rm | 7x0.52 | 0.8 | 0.2 | 1.8 | 21.7 | 770  |
| 19x1.5 rm | 7x0.52 | 0.8 | 0.2 | 1.8 | 22.6 | 870  |
| 24x1.5 rm | 7x0.52 | 0.8 | 0.2 | 1.8 | 26   | 1090 |
| 30x1.5 rm | 7x0.52 | 0.8 | 0.2 | 1.8 | 27.2 | 1220 |
| 37x1.5 rm | 7x0.52 | 0.8 | 0.2 | 1.8 | 29.6 | 1480 |
| 40x1.5 rm | 7x0.52 | 0.8 | 0.2 | 2   | 31.2 | 1590 |
| 52x1.5 rm | 7x0.52 | 0.8 | 0.2 | 2.1 | 34   | 1900 |
| 61x1.5 rm | 7x0.52 | 0.8 | 0.5 | 2.2 | 36.5 | 2450 |
|           |        |     |     |     |      |      |
| 5x2.5 re  | 1x1.78 | 0.8 | 0.2 | 1.8 | 16.2 | 440  |
| 6x2.6 re  | 1x1.78 | 0.8 | 0.2 | 1.8 | 17.2 | 540  |
| 8x2.5 re  | 1x1.78 | 0.8 | 0.2 | 1.8 | 19.6 | 665  |
| 10x2.5 re | 1x1.78 | 0.8 | 0.2 | 1.8 | 20.6 | 715  |
| 12x2.5 re | 1x1.78 | 0.8 | 0.2 | 1.8 | 21.2 | 800  |
| 14x2.5 re | 1x1.78 | 0.8 | 0.2 | 1.8 | 22.2 | 900  |
| 16x2.5 re | 1x1.78 | 0.8 | 0.2 | 1.8 | 24.2 | 980  |
| 19x2.5 re | 1x1.78 | 0.8 | 0.2 | 1.8 | 24.4 | 1060 |
| 24x2.5 re | 1x1.78 | 0.8 | 0.2 | 1.9 | 28.2 | 1330 |
| 30x2.5 re | 1x1.78 | 0.8 | 0.2 | 2   | 30   | 1615 |
| 37x2.5 re | 1x1.78 | 0.8 | 0.2 | 2.1 | 32   | 1915 |
| 40x2.5 re | 1x1.78 | 0.8 | 0.5 | 2.1 | 34.4 | 2410 |



|           |        |     |     |     |      |      |
|-----------|--------|-----|-----|-----|------|------|
| 52x2.5 re | 1x1.78 | 0.8 | 0.5 | 2.2 | 37.4 | 2920 |
| 61x2.5 re | 1x1.78 | 0.8 | 0.5 | 2.3 | 39.2 | 3250 |
|           |        |     |     |     |      |      |
| 5x2.5 rm  | 7x0.67 | 0.8 | 0.2 | 1.8 | 16.6 | 450  |
| 7x2.5 rm  | 7x0.67 | 0.8 | 0.2 | 1.8 | 17.6 | 550  |
| 8x2.5 rm  | 7x0.67 | 0.8 | 0.2 | 1.8 | 20.2 | 675  |
| 10x2.5 rm | 7x0.67 | 0.8 | 0.2 | 1.8 | 21.2 | 725  |
| 12x2.5 rm | 7x0.67 | 0.8 | 0.2 | 1.8 | 21.8 | 810  |
| 14x2.5 rm | 7x0.67 | 0.8 | 0.2 | 1.8 | 22.7 | 915  |
| 16x2.5 rm | 7x0.67 | 0.8 | 0.2 | 1.8 | 24.8 | 995  |
| 19x2.5 rm | 7x0.67 | 0.8 | 0.2 | 1.9 | 25   | 1080 |
| 24x2.5 rm | 7x0.67 | 0.8 | 0.2 | 2   | 28.8 | 1350 |
| 30x2.5 rm | 7x0.67 | 0.8 | 0.2 | 2.1 | 30.5 | 1640 |
| 37x2.5 rm | 7x0.67 | 0.8 | 0.2 | 2.1 | 32.6 | 1940 |
| 40x2.5 rm | 7x0.67 | 0.8 | 0.5 | 2.1 | 35.2 | 2440 |
| 52x2.5 rm | 7x0.67 | 0.8 | 0.5 | 2.2 | 38.4 | 2960 |
| 61x2.5 rm | 7x0.67 | 0.8 | 0.5 | 2.3 | 40.6 | 3320 |