

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

| Size            | No. strand x diameter | Insulation thickness | Armour wire diameter | Sheath thickness | Approx. Overall diameter | Approx. weight |
|-----------------|-----------------------|----------------------|----------------------|------------------|--------------------------|----------------|
| mm <sup>2</sup> | N x dmm               | mm                   | mm                   | mm               | mm                       | Kg/km          |
| 1x4 re          | 1x2.26                | 1                    | 0.9                  | 1.8              | 12.2                     | 270            |
| 1x4 rm          | 7x0.85                | 1                    | 0.9                  | 1.8              | 12.4                     | 280            |
| 1x6 re          | 1x2.78                | 1                    | 0.9                  | 1.8              | 12.6                     | 306            |
| 1x6 rm          | 7x1.04                | 1                    | 0.9                  | 1.8              | 13                       | 316            |
| 1x10 re         | 1x3.57                | 1                    | 0.9                  | 1.8              | 13.4                     | 376            |
| 1x10 rm         | 7x1.35                | 1                    | 0.9                  | 1.8              | 14                       | 386            |
| 1x16 rm         | 7x1.7                 | 1                    | 0.9                  | 1.8              | 14.6                     | 380            |
| 1x25 rm         | 7x2.14                | 1.2                  | 1.25                 | 1.8              | 16.8                     | 540            |
| 1x35 rm         | 7x2.52                | 1.2                  | 1.25                 | 1.8              | 18.1                     | 660            |
| 1x50 rm         | 19x1.78               | 1.4                  | 1.25                 | 1.8              | 19.7                     | 820            |
| 1x70 rm         | 19x2.17               | 1.4                  | 1.25                 | 1.8              | 21.7                     | 1080           |
| 1x95 rm         | 19x2.52               | 1.6                  | 1.6                  | 1.8              | 24.2                     | 1420           |
| 1x120 rm        | 37x2.03               | 1.6                  | 1.6                  | 1.8              | 25.6                     | 1690           |
| 1x150 rm        | 37x2.25               | 1.8                  | 1.6                  | 1.8              | 27.6                     | 2030           |
| 1x185 rm        | 37x2.52               | 2                    | 1.6                  | 1.9              | 30.4                     | 2470           |
| 1x240 rm        | 37x2.88               | 2.2                  | 2                    | 2.1              | 34.5                     | 3210           |
| 1x300 rm        | 61x2.50               | 2.4                  | 2                    | 2.2              | 37.7                     | 3930           |
|                 |                       |                      |                      |                  |                          |                |
| 2x1.5 re        | 1x1.38                | 0.8                  | 0.9                  | 1.8              | 13.8                     | 380            |
| 2x1.5 rm        | 7x0.52                | 0.8                  | 0.9                  | 1.8              | 14.2                     | 390            |
| 2x2.5 re        | 1x1.78                | 0.8                  | 0.9                  | 1.8              | 14.8                     | 460            |
| 2x2.5 rm        | 7x0.67                | 0.8                  | 0.9                  | 1.8              | 15.2                     | 470            |
| 2x4 re          | 1x2.26                | 1                    | 1.25                 | 1.8              | 17.4                     | 630            |



|          |         |     |      |     |      |       |
|----------|---------|-----|------|-----|------|-------|
| 2x4 rm   | 7x0.85  | 1   | 1.25 | 1.8 | 17.8 | 640   |
| 2x6 re   | 1x2.78  | 1   | 1.25 | 1.8 | 18.4 | 735   |
| 2x6 rm   | 7x1.04  | 1   | 1.25 | 1.8 | 18.8 | 750   |
| 2x10 re  | 1x3.57  | 1   | 1.25 | 1.8 | 20.2 | 910   |
| 2x10 rm  | 7x1.35  | 1   | 1.25 | 1.8 | 20.6 | 930   |
| 2x16 rm  | 7x1.7   | 1   | 1.6  | 1.8 | 23.5 | 1310  |
| 2x25 rm  | 7x2.14  | 1.2 | 1.6  | 1.8 | 27   | 1740  |
| 2x35 rm  | 7x2.52  | 1.2 | 1.6  | 1.9 | 29.5 | 2100  |
| 2x50 rm  | 19x1.78 | 1.4 | 1.6  | 2.1 | 33   | 2640  |
| 2x70 rm  | 19x2.17 | 1.4 | 2    | 2.3 | 38.2 | 3710  |
|          |         |     |      |     |      |       |
| 3x1.5 re | 1x1.38  | 0.8 | 0.9  | 0.8 | 14.4 | 410   |
| 3x1.5 rm | 7x0.52  | 0.8 | 0.9  | 1.8 | 14.8 | 420   |
| 3x2.5 re | 1x1.78  | 0.8 | 0.9  | 1.8 | 15   | 465   |
| 3x2.5 rm | 7x0.67  | 0.8 | 0.9  | 1.8 | 15.3 | 480   |
| 3x4 re   | 1x2.26  | 1   | 1.25 | 1.8 | 18   | 698   |
| 3x4 rm   | 7x0.85  | 1   | 1.25 | 1.8 | 18.4 | 710   |
| 3x6 re   | 1x2.78  | 1   | 1.25 | 1.8 | 19.1 | 820   |
| 3x6 rm   | 7x1.04  | 1   | 1.25 | 1.8 | 19.5 | 840   |
| 3x10 re  | 1x3.57  | 1   | 1.25 | 1.8 | 20.4 | 1120  |
| 3x10 rm  | 7x1.35  | 1   | 1.25 | 1.8 | 22   | 1190  |
| 3x16 rm  | 7x1.7   | 1   | 1.6  | 1.8 | 24   | 1500  |
| 3x25 rm  | 7x2.14  | 1.2 | 1.6  | 1.9 | 28.6 | 2040  |
| 3x35 rm  | 7x2.52  | 1.2 | 1.6  | 2   | 30.8 | 2460  |
| 3x50 sm  | 19x1.83 | 1.4 | 1.6  | 2   | 34   | 2750  |
| 3x70 sm  | 19x2.22 | 1.4 | 2    | 2.2 | 37.5 | 3820  |
| 3x95 sm  | 19x2.57 | 1.6 | 2    | 2.3 | 40   | 4960  |
| 3x120 sm | 37x2.08 | 1.6 | 2.5  | 2.5 | 45   | 6120  |
| 3x150 sm | 37x2.3  | 1.8 | 2.5  | 2.6 | 49.5 | 7210  |
| 3x185 sm | 37x2.57 | 2   | 2.5  | 2.7 | 54.5 | 8730  |
| 3x240 sm | 37x2.93 | 2.2 | 2.5  | 2.9 | 61   | 10910 |



|              |                      |           |      |     |      |       |
|--------------|----------------------|-----------|------|-----|------|-------|
| 3x300 sm     | 61x2.65              | 2.4       | 2.5  | 3.2 | 67.5 | 13120 |
| 3x400 sm     | 61x2.90              | 2.6       | 3.15 | 3.4 | 76.5 | 17100 |
|              |                      |           |      |     |      |       |
| 3x25/16 rm   | 7x- 2.14<br>7x1.7    | 1.2 - 1   | 1.6  | 1.9 | 29.6 | 2280  |
| 3x35/16 rm   | 7x- 2.52<br>7x1.7    | 1.2 - 1   | 1.6  | 2   | 32   | 2680  |
| 3x50/25 sm   | 19x- 1.83<br>7x2.14  | 1.4 - 1.2 | 2    | 2   | 35.2 | 3075  |
| 3x70/35 sm   | 19x- 2.22<br>7x2.52  | 1.4 - 1.2 | 2    | 2.1 | 38.5 | 4190  |
| 3x95/50 sm   | 19x- 2.57<br>19x1.83 | 1.6 - 1.4 | 2    | 2.3 | 43   | 5360  |
| 3x120/70 sm  | 37x- 2.08<br>19x2.22 | 1.6 - 1.4 | 2    | 2.4 | 47   | 6480  |
| 3x150/70 sm  | 37x- 2.30<br>19x2.22 | 1.8 - 1.4 | 2.5  | 2.7 | 52   | 8040  |
| 3x185/95 sm  | 37x- 2.57<br>37x2.57 | 2.0 - 1.6 | 2.5  | 3   | 57.8 | 9740  |
| 3x240/120 sm | 37x- 2.93<br>37x2.08 | 2.2 - 1.6 | 2.5  | 3.2 | 64   | 12200 |
| 3x300/150 sm | 61x2.65<br>34x2.30   | 2.4 - 1.8 | 2.5  | 3.5 | 70   | 14800 |
| 3x400/185 sm | 61x- 2.90<br>37x2.57 | 2.6 - 2.0 | 3.15 | 3.7 | 79.4 | 19110 |
|              |                      |           |      |     |      |       |
| 4x1.5 re     | 1x1.38               | 0.8       | 0.9  | 1.8 | 15   | 410   |
| 4x1.5 rm     | 7x0.52               | 0.8       | 0.9  | 1.8 | 15.5 | 430   |
| 4x2.5 re     | 1x1.78               | 0.8       | 0.9  | 1.8 | 15.8 | 480   |
| 4x2.5 rm     | 7x0.67               | 0.8       | 0.9  | 1.8 | 16.4 | 510   |
| 4x4 re       | 1x2.26               | 1         | 1.25 | 1.8 | 18.6 | 720   |
| 4x4 rm       | 7x0.85               | 1         | 1.25 | 1.8 | 19.5 | 790   |
| 4x6 re       | 1x2.78               | 1         | 1.25 | 1.8 | 19.8 | 870   |
| 4x6 rm       | 7x1.04               | 1         | 1.25 | 1.8 | 20.7 | 920   |
| 4x10 re      | 1x3.57               | 1         | 1.25 | 1.8 | 21.8 | 1050  |



|           |         |     |      |     |      |       |
|-----------|---------|-----|------|-----|------|-------|
| 4x10 rm   | 7x1.35  | 1   | 1.25 | 1.8 | 23.2 | 1200  |
| 4x16 rm   | 7x1.7   | 1   | 1.6  | 1.8 | 26.4 | 1770  |
| 4x25 rm   | 7x2.14  | 1.2 | 1.6  | 1.8 | 29.8 | 2380  |
| 4x35 rm   | 7x2.52  | 1.2 | 1.6  | 1.9 | 32.7 | 3250  |
| 4x50 sm   | 19x1.83 | 1.4 | 2    | 2.1 | 37   | 3315  |
| 4x70 sm   | 19x2.22 | 1.4 | 2    | 2.2 | 40.2 | 4590  |
| 4x95 sm   | 19x2.57 | 1.6 | 2.5  | 2.4 | 45.5 | 5860  |
| 4x120 sm  | 37x2.08 | 1.6 | 2.5  | 2.6 | 49.2 | 7050  |
| 4x150 sm  | 37x2.3  | 1.8 | 2.5  | 2.8 | 53.5 | 8950  |
| 4x185 sm  | 37x2.57 | 2   | 2.5  | 3   | 59.6 | 10760 |
| 4x240 sm  | 37x2.93 | 2.2 | 2.5  | 3.2 | 66.6 | 13580 |
| 4x300 sm  | 61x2.65 | 2.4 | 3.15 | 3.4 | 73.4 | 16450 |
| 4x400 sm  | 61x2.92 | 2.6 | 3.15 | 3.6 | 85.2 | 21350 |
|           |         |     |      |     |      |       |
| 5x1.5 re  | 1x1.38  | 0.8 | 1.25 | 1.8 | 16.4 | 550   |
| 6x1.5 re  | 1x1.38  | 0.8 | 1.25 | 1.8 | 17.6 | 670   |
| 8x1.5 re  | 1x1.38  | 0.8 | 1.25 | 1.8 | 20   | 810   |
| 10x1.5 re | 1x1.38  | 0.8 | 1.25 | 1.8 | 20.2 | 850   |
| 12x1.5 re | 1x1.38  | 0.8 | 1.6  | 1.8 | 21.6 | 1060  |
| 14x1.5 re | 1x1.38  | 0.8 | 1.6  | 1.8 | 22.4 | 1130  |
| 16x1.5 re | 1x1.38  | 0.8 | 1.6  | 1.8 | 23.4 | 1230  |
| 19x1.5 re | 1x1.38  | 0.8 | 1.6  | 1.8 | 24.2 | 1340  |
| 24x1.5 re | 1x1.38  | 0.8 | 1.6  | 1.9 | 27.4 | 1640  |
| 30x1.5 re | 1x1.38  | 0.8 | 1.6  | 2   | 28.6 | 1810  |
| 37x1.5 re | 1x1.38  | 0.8 | 1.6  | 2   | 30.5 | 2080  |
| 40x1.5 re | 1x1.38  | 0.8 | 2    | 2.1 | 33.2 | 2500  |
| 52x1.5 re | 1x1.38  | 0.8 | 2    | 2.2 | 36.2 | 2920  |
| 61x1.5 re | 1x1.38  | 0.8 | 2    | 2.3 | 38   | 3170  |
|           |         |     |      |     |      |       |
| 5x1.5 rm  | 7x0.52  | 0.8 | 1.25 | 1.8 | 16.6 | 570   |
| 6x1.5 rm  | 7x0.52  | 0.8 | 1.25 | 1.8 | 18   | 690   |



|           |        |     |      |     |      |      |
|-----------|--------|-----|------|-----|------|------|
| 8x1.5 rm  | 7x0.52 | 0.8 | 1.25 | 1.8 | 20.6 | 840  |
| 10x1.5 rm | 7x0.52 | 0.8 | 1.25 | 1.8 | 21   | 880  |
| 12x1.5 rm | 7x0.52 | 0.8 | 1.6  | 1.8 | 22.5 | 1100 |
| 14x1.5 rm | 7x0.52 | 0.8 | 1.6  | 1.8 | 23.2 | 1170 |
| 16x1.5 rm | 7x0.52 | 0.8 | 1.6  | 1.8 | 24.2 | 1270 |
| 19x1.5 rm | 7x0.52 | 0.8 | 1.6  | 1.8 | 25   | 1380 |
| 24x1.5 rm | 7x0.52 | 0.8 | 1.6  | 1.9 | 28.4 | 1680 |
| 30x1.5 rm | 7x0.52 | 0.8 | 1.6  | 2   | 29.8 | 1850 |
| 37x1.5 rm | 7x0.52 | 0.8 | 1.6  | 2   | 31.8 | 2130 |
| 40x1.5 rm | 7x0.52 | 0.8 | 2    | 2.1 | 34.4 | 2560 |
| 52x1.5 rm | 7x0.52 | 0.8 | 2    | 2.2 | 37.4 | 2980 |
| 61x1.5 rm | 7x0.52 | 0.8 | 2    | 2.3 | 39.5 | 3240 |
|           |        |     |      |     |      |      |
| 5x2.5 re  | 1x1.78 | 0.8 | 1.25 | 1.8 | 17.6 | 700  |
| 6x2.6 re  | 1x1.78 | 0.8 | 1.25 | 1.8 | 18.5 | 810  |
| 8x2.5 re  | 1x1.78 | 0.8 | 1.25 | 1.8 | 22   | 1130 |
| 10x2.5 re | 1x1.78 | 0.8 | 1.6  | 1.8 | 22.4 | 1180 |
| 12x2.5 re | 1x1.78 | 0.8 | 1.6  | 1.8 | 23   | 1270 |
| 14x2.5 re | 1x1.78 | 0.8 | 1.6  | 1.8 | 24   | 1400 |
| 16x2.5 re | 1x1.78 | 0.8 | 1.6  | 1.8 | 25   | 1360 |
| 19x2.5 re | 1x1.78 | 0.8 | 1.6  | 1.8 | 25.2 | 1560 |
| 24x2.5 re | 1x1.78 | 0.8 | 1.6  | 2   | 28.8 | 1910 |
| 30x2.5 re | 1x1.78 | 0.8 | 1.6  | 2.1 | 31.2 | 2270 |
| 37x2.5 re | 1x1.78 | 0.8 | 2    | 2.1 | 34.6 | 2910 |
| 40x2.5 re | 1x1.78 | 0.8 | 2    | 2.2 | 36.6 | 3100 |
| 52x2.5 re | 1x1.78 | 0.8 | 2    | 2.3 | 40.2 | 3760 |
| 61x2.5 re | 1x1.78 | 0.8 | 2    | 2.4 | 42   | 4170 |
|           |        |     |      |     |      |      |
| 5x2.5 rm  | 7x0.67 | 0.8 | 1.25 | 1.8 | 18.4 | 720  |
| 6x2.5 rm  | 7x0.67 | 0.8 | 1.25 | 1.8 | 19.5 | 830  |
| 8x2.5 rm  | 7x0.67 | 0.8 | 1.25 | 1.8 | 23   | 1150 |



|           |        |     |     |     |      |      |
|-----------|--------|-----|-----|-----|------|------|
| 10x2.5 rm | 7x0.67 | 0.8 | 1.6 | 1.8 | 23.4 | 1200 |
| 12x2.5 rm | 7x0.67 | 0.8 | 1.6 | 1.8 | 24   | 1290 |
| 14x2.5 rm | 7x0.67 | 0.8 | 1.6 | 1.8 | 25.2 | 1430 |
| 16x2.5 rm | 7x0.67 | 0.8 | 1.6 | 1.8 | 26.2 | 1390 |
| 19x2.5 rm | 7x0.67 | 0.8 | 1.6 | 1.8 | 26.4 | 1600 |
| 24x2.5 rm | 7x0.67 | 0.8 | 1.6 | 2   | 30   | 1950 |
| 30x2.5 rm | 7x0.67 | 0.8 | 1.6 | 2.1 | 32.7 | 2310 |
| 37x2.5 rm | 7x0.67 | 0.8 | 2   | 2.1 | 35.8 | 2970 |
| 40x2.5 rm | 7x0.67 | 0.8 | 2   | 2.2 | 38   | 3190 |
| 52x2.5 rm | 7x0.67 | 0.8 | 2   | 2.3 | 41.6 | 3860 |
| 61x2.5 rm | 7x0.67 | 0.8 | 2   | 2.4 | 43.8 | 4270 |