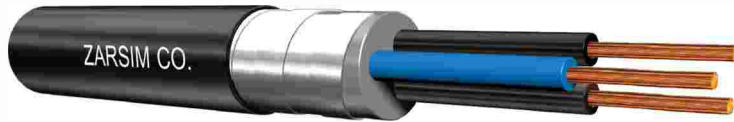


PVC insulated, PVC sheathed multi core tape armoured power cable, 0.6/1 kV



CU/PVC/PVC/GSTA/PVC

Application:

- These cables can be used indoor or outdoor in cable ducts, cable trays, conduits or underground locations under mechanical stress in power and switching stations, local distribution systems, industrial plants and commercial buildings.

Standard:

- IEC 60502-1
- VDE 0271
- ISIRI 3569-1

Construction:

- Plain annealed copper class 1 & 2.
- PVC insulation, type A.
- Cores twisted together, if necessary in concentric layers.
- Extruded PVC compatible with the operating temperature of the conductor.
- Galvanized double steel tape armour.
- PVC sheath, type ST1.

General specification:

- Rated voltage: 0.6/1 kV.
- Working temperature: Max. 70°C.
- Code designation: NYBY.

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| Cross-sectional area Nom. | No. of wires x diameter Nom. | Insulation thickness | Armour tape thickness | Sheath thickness | Overall diameter | Weight Approx. |
|------------------------------|------------------------------------|-------------------------|-----------------------------|---------------------|---------------------|-------------------|
| mm ² | mm | mm | mm | mm | mm | kg/km |
| 2 x 1.5 re | 1 x 1.38 | 0.8 | 0.2 | 1.8 | 13.0 | 270 |
| 2 x 1.5 re | 7 x 0.53 | 0.8 | 0.2 | 1.8 | 13.2 | 275 |
| 2 x 2.5 re | 1 x 1.78 | 0.8 | 0.2 | 1.8 | 14.0 | 315 |
| 2 x 2.5 re | 7 x 0.67 | 0.8 | 0.2 | 1.8 | 14.4 | 320 |
| 2 x 4 re | 1 x 2.26 | 1.0 | 0.2 | 1.8 | 15.5 | 400 |
| 2 x 4 re | 7 x 0.85 | 1.0 | 0.2 | 1.8 | 15.8 | 410 |
| 2 x 6 re | 1 x 2.78 | 1.0 | 0.2 | 1.8 | 16.6 | 490 |
| 2 x 6 re | 7 x 1.04 | 1.0 | 0.2 | 1.8 | 17.0 | 505 |
| 2 x 10 re | 1 x 3.57 | 1.0 | 0.2 | 1.8 | 18.0 | 610 |
| 2 x 10 re | 7 x 1.35 | 1.0 | 0.2 | 1.8 | 18.5 | 630 |
| 2 x 16 re | 7 x 1.70 | 1.0 | 0.2 | 1.8 | 20.5 | 815 |
| 2 x 25 re | 7 x 2.14 | 1.2 | 0.2 | 1.8 | 23.5 | 1115 |
| 3 x 1.5 re | 1 x 1.38 | 0.8 | 0.2 | 1.8 | 13.5 | 300 |
| 3 x 1.5 re | 7 x 0.53 | 0.8 | 0.2 | 1.8 | 13.8 | 310 |
| 3 x 2.5 re | 1 x 1.78 | 0.8 | 0.2 | 1.8 | 14.5 | 350 |
| 3 x 2.5 re | 7 x 0.67 | 0.8 | 0.2 | 1.8 | 14.8 | 360 |
| 3 x 4 re | 1 x 2.26 | 1.0 | 0.2 | 1.8 | 16.0 | 455 |
| 3 x 4 re | 7 x 0.85 | 1.0 | 0.2 | 1.8 | 16.4 | 470 |
| 3 x 6 re | 1 x 2.78 | 1.0 | 0.2 | 1.8 | 17.6 | 570 |
| 3 x 6 re | 7 x 1.04 | 1.0 | 0.2 | 1.8 | 18.0 | 585 |
| 3 x 10 re | 1 x 3.57 | 1.0 | 0.2 | 1.8 | 19.1 | 735 |
| 3 x 10 re | 7 x 1.35 | 1.0 | 0.2 | 1.8 | 19.5 | 750 |
| 3 x 16 re | 7 x 1.70 | 1.0 | 0.2 | 1.8 | 21.5 | 980 |
| 3 x 25 re | 7 x 2.14 | 1.2 | 0.2 | 1.8 | 25.0 | 1380 |
| 3 x 25 r m/ 16 | 7 x 2.14 7 x 1.70 | 1.2 1.0 | 0.2 | 1.8 | 26.0 | 1580 |
| 3 x 35 r m/ 16 | 7 x 2.52 7 x 1.70 | 1.2 1.0 | 0.2 | 1.8 | 28.0 | 1930 |
| 4 x 1.5 re | 1 x 1.38 | 0.8 | 0.2 | 1.8 | 14.0 | 340 |
| 4 x 1.5 re | 7 x 0.53 | 0.8 | 0.2 | 1.8 | 14.2 | 345 |
| 4 x 2.5 re | 1 x 1.78 | 0.8 | 0.2 | 1.8 | 15.0 | 405 |
| 4 x 2.5 re | 7 x 0.67 | 0.8 | 0.2 | 1.8 | 15.4 | 410 |
| 4 x 4 re | 1 x 2.26 | 1.0 | 0.2 | 1.8 | 17.0 | 530 |
| 4 x 4 re | 7 x 0.85 | 1.0 | 0.2 | 1.8 | 17.4 | 540 |
| 4 x 6 re | 1 x 2.78 | 1.0 | 0.2 | 1.8 | 19.0 | 695 |
| 4 x 6 re | 7 x 1.04 | 1.0 | 0.2 | 1.8 | 19.5 | 680 |
| 4 x 10 re | 1 x 3.57 | 1.0 | 0.2 | 1.8 | 20.2 | 870 |



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| Cross-sectional area Nom. | No. of wires x diameter Nom. | Insulation thickness | Armour tape thickness | Sheath thickness | Overall diameter | Weight Approx. |
|------------------------------|------------------------------------|-------------------------|-----------------------------|---------------------|---------------------|-------------------|
| mm ² | mm | mm | mm | mm | mm | kg/km |
| 4 x 10 re | 7 x 1.35 | 1.0 | 0.2 | 1.8 | 21.0 | 890 |
| 4 x 16 re | 7 x 1.70 | 1.0 | 0.2 | 1.8 | 23.0 | 1180 |
| 4 x 25 re | 7 x 2.14 | 1.2 | 0.2 | 1.8 | 27.0 | 1700 |
| 4 x 35 re | 7 x 2.52 | 1.2 | 0.2 | 2.0 | 32.6 | 2340 |
| 5 x 1.5 re | 7 x 0.53 | 0.8 | 0.2 | 1.8 | 15.0 | 370 |
| 7 x 1.5 re | 7 x 0.53 | 0.8 | 0.2 | 1.8 | 16.4 | 440 |
| 8 x 1.5 re | 7 x 0.53 | 0.8 | 0.2 | 1.8 | 19.0 | 550 |
| 10 x 1.5 re | 7 x 0.53 | 0.8 | 0.2 | 1.8 | 19.5 | 584 |
| 12 x 1.5 re | 7 x 0.53 | 0.8 | 0.2 | 1.8 | 20.2 | 642 |
| 14 x 1.5 re | 7 x 0.53 | 0.8 | 0.2 | 1.8 | 21.0 | 700 |
| 16 x 1.5 re | 7 x 0.53 | 0.8 | 0.2 | 1.8 | 21.7 | 770 |
| 19 x 1.5 re | 7 x 0.53 | 0.8 | 0.2 | 1.8 | 22.6 | 870 |
| 24 x 1.5 re | 7 x 0.53 | 0.8 | 0.2 | 1.8 | 26.0 | 1090 |
| 30 x 1.5 re | 7 x 0.53 | 0.8 | 0.2 | 1.8 | 27.2 | 1220 |
| 37 x 1.5 re | 7 x 0.53 | 0.8 | 0.2 | 1.8 | 29.6 | 1480 |
| 40 x 1.5 re | 7 x 0.53 | 0.8 | 0.2 | 2.0 | 31.2 | 1590 |
| 52 x 1.5 re | 7 x 0.53 | 0.8 | 0.2 | 2.1 | 34.0 | 1900 |
| 61 x 1.5 re | 7 x 0.53 | 0.8 | 0.5 | 2.2 | 36.5 | 2450 |
| 5 x 2.5 re | 1 x 1.78 | 0.8 | 0.2 | 1.8 | 16.2 | 440 |
| 7 x 2.5 re | 1 x 1.78 | 0.8 | 0.2 | 1.8 | 17.2 | 540 |
| 8 x 2.5 re | 1 x 1.78 | 0.8 | 0.2 | 1.8 | 19.6 | 665 |
| 10x2.5 re | 1 x 1.78 | 0.8 | 0.2 | 1.8 | 20.6 | 715 |
| 12x2.5 re | 1 x 1.78 | 0.8 | 0.2 | 1.8 | 21.2 | 800 |
| 14x2.5 re | 1 x 1.78 | 0.8 | 0.2 | 1.8 | 22.2 | 900 |
| 16x2.5 re | 1 x 1.78 | 0.8 | 0.2 | 1.8 | 24.2 | 980 |
| 19x2.5 re | 1 x 1.78 | 0.8 | 0.2 | 1.8 | 24.4 | 1060 |
| 24 x 2.5 re | 1 x 1.78 | 0.8 | 0.2 | 1.8 | 28.2 | 1330 |
| 30 x 2.5 re | 1 x 1.78 | 0.8 | 0.2 | 2.0 | 30.0 | 1615 |
| 37 x 2.5 re | 1 x 1.78 | 0.8 | 0.2 | 2.1 | 32.0 | 1915 |
| 40 x 2.5 re | 1 x 1.78 | 0.8 | 0.5 | 2.1 | 34.4 | 2410 |
| 52 x 2.5 re | 1 x 1.78 | 0.8 | 0.5 | 2.2 | 37.4 | 2920 |
| 61 x 2.5 re | 1 x 1.78 | 0.8 | 0.5 | 2.3 | 39.2 | 3250 |
| 5 x 2.5 re | 7 x 0.67 | 0.8 | 0.2 | 1.8 | 16.6 | 450 |
| 7 x 2.5 re | 7 x 0.67 | 0.8 | 0.2 | 1.8 | 17.6 | 550 |
| 8 x 2.5 re | 7 x 0.67 | 0.8 | 0.2 | 1.8 | 20.2 | 675 |

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| Cross-sectional area Nom. | No. of wires x diameter Nom. | Insulation thickness | Armour tape thickness | Sheath thickness | Overall diameter | Weight Approx. |
|------------------------------|------------------------------------|-------------------------|-----------------------------|---------------------|---------------------|-------------------|
| mm ² | mm | mm | mm | mm | mm | kg/km |
| 10x2.5 re | 7 x 0.67 | 0.8 | 0.2 | 1.8 | 21.2 | 725 |
| 12x2.5 re | 7 x 0.67 | 0.8 | 0.2 | 1.8 | 21.8 | 810 |
| 14x2.5 re | 7 x 0.67 | 0.8 | 0.2 | 1.8 | 22.7 | 915 |
| 16x2.5 re | 7 x 0.67 | 0.8 | 0.2 | 1.8 | 24.8 | 995 |
| 19x2.5 re | 7 x 0.67 | 0.8 | 0.2 | 1.9 | 25.0 | 1080 |
| 24 x 2.5 re | 7 x 0.67 | 0.8 | 0.2 | 2.0 | 28.8 | 1350 |
| 30 x 2.5 re | 7 x 0.67 | 0.8 | 0.2 | 2.1 | 30.5 | 1640 |
| 37 x 2.5 re | 7 x 0.67 | 0.8 | 0.2 | 2.1 | 32.6 | 1940 |
| 40 x 2.5 re | 7 x 0.67 | 0.8 | 0.2 | 2.1 | 35.2 | 2440 |
| 52 x 2.5 re | 7 x 0.67 | 0.8 | 0.5 | 2.2 | 38.4 | 2960 |
| 61 x 2.5 re | 7 x 0.67 | 0.8 | 0.5 | 2.3 | 40.6 | 3320 |