














**Cross-linked polyethylene (XLPE) insulated and PVC sheathed flexible single core and multipolar cables.**

## Uses

Suitable for energy transmission and distribution in fixed installations, protected or not. Suitable for indoor and outdoor use.

## Characteristics

|            |   |               |   |
|------------|---|---------------|---|
| Insulation |  <b>Cross-linked polyethylene type DIX 3 according to UNE-HD 603-1</b>   | Standard      |  <b>UNE 21123-2</b>  |
| Color fase |  <b>2X 3G 4G Negro - Marrón - Gris Marrón - Azul Marrón - Azul - Amarillo/verde Amarillo/verde 5G Negro - Marrón - Gris - Azul Amarillo/verde 3X Negro - Marrón - Gris 4X Negro - Marrón - Gris - Azul</b> | Sections      |  <b>1x 1.5 a 300mm<sup>2</sup>, 2, 3, 4, 5 x 1.5 a 50mm<sup>2</sup>, 7, 10 y 12, 14, 16, 19, 24, 27, 30, 37, 44, 52 y 61 x 1.5 y 2.5 mm<sup>2</sup>, 7, 10 y 12 x 4mm<sup>2</sup> x 4 mm</b> |
| Colours    |  <b>Black</b>  | Temperature   |  <b>90°C</b>   |
| Conductor  |  <b>Copper class 5 according to UNE-EN 60228</b>   | Test voltage  |  <b>4000V</b>  |
| Sheath     |  <b>PVC type DMV18 according to UNE-HD-603-1</b>   | Rated voltage |  <b>0.6/1kV</b>  |
| Packing    |  <b>100 m. laminated rolls and reels</b>   |               |   |

## Technical data

| Seccion mm2 | Espesor aislamiento mm | Diametro mm | Resistencia a 20 °C Ohm/km |
|-------------|------------------------|-------------|----------------------------|
| 1.5         | 0.7                    | 5.7         | 13.3                       |
| 2.5         | 0.7                    | 6.2         | 7.98                       |
| 4           | 0.7                    | 6.5         | 4.95                       |
| 6           | 0.7                    | 7.6         | 3.3                        |
| 10          | 0.7                    | 8.6         | 1.91                       |
| 16          | 0.7                    | 9.6         | 1.21                       |
| 25          | 0.9                    | 11.4        | 0.78                       |
| 35          | 0.9                    | 12.5        | 0.554                      |
| 50          | 1                      | 14.5        | 0.386                      |
| 70          | 1.1                    | 16.4        | 0.272                      |
| 95          | 1.1                    | 18.5        | 0.206                      |
| 120         | 1.2                    | 20.7        | 0.161                      |
| 150         | 1.4                    | 22.5        | 0.129                      |
| 185         | 1.6                    | 25.2        | 0.106                      |
| 240         | 1.7                    | 28.3        | 0.0801                     |
| 300         | 1.8                    | 30.9        | 0.0641                     |
| 2x1,5       | 0.7                    | 8.9         | 13.3                       |
| 2x2,5       | 0.7                    | 9.9         | 7.98                       |
| 2x4         | 0.7                    | 10.4        | 4.95                       |
| 2x6         | 0.7                    | 12.2        | 3.3                        |
| 2x10        | 0.7                    | 14          | 1.91                       |
| 2x16        | 0.7                    | 16.3        | 1.21                       |
| 2X25        | 0.9                    | 19.3        | 0.78                       |
| 3G1,5       | 0.7                    | 9.7         | 13.3                       |
| 3G2,5       | 0.7                    | 10.5        | 7.98                       |
| 3G4         | 0.7                    | 11.7        | 4.95                       |
| 3G6         | 0.7                    | 12.8        | 3.3                        |
| 3G10        | 0.7                    | 15          | 1.91                       |
| 3G16        | 0.7                    | 17.4        | 1.21                       |
| 3X25        | 0.9                    | 20.5        | 0.78                       |
| 3X35        | 0.9                    | 23.3        | 0.554                      |
| 3X50        | 1                      | 27.2        | 0.386                      |
| 3G70        | 1.1                    | 29.5        | 0.272                      |
| 4G1,5       | 0.7                    | 10.3        | 13.3                       |
| 4G2,5       | 0.7                    | 11.5        | 7.98                       |
| 4G4         | 0.7                    | 12.7        | 4.95                       |
| 4G6         | 0.7                    | 14.2        | 3.3                        |
| 4G10        | 0.7                    | 16.4        | 1.91                       |
| 4G16        | 0.7                    | 19.2        | 1.21                       |
| 4G25        | 0.9                    | 23.2        | 0.78                       |
| 4G35        | 0.9                    | 26.5        | 0.554                      |
| 4G50        | 1                      | 32.5        | 0.386                      |
| 4G70        | 1.1                    | 35.7        | 0.272                      |
| 5G1,5       | 0.7                    | 11.8        | 13.3                       |
| 5G2,5       | 0.7                    | 12.5        | 7.98                       |
| 5G4         | 0.7                    | 14.3        | 4.95                       |
| 5G6         | 0.7                    | 15.5        | 3.3                        |
| 5G10        | 0.7                    | 18          | 1.91                       |
| 5G16        | 0.7                    | 21.1        | 1.21                       |

|        |     |      |       |
|--------|-----|------|-------|
| 5G25   | 0.9 | 25.5 | 0.78  |
| 5G35   | 0.9 | 29.1 | 0.554 |
| 5G50   | 1   | 33.9 | 0.386 |
| 5G70   | 1.1 | 40.5 | 0.272 |
| 7G1,5  | 0.7 | 12   | 13.3  |
| 7G2,5  | 0.7 | 13.2 | 7.98  |
| 7G4    | 0.7 | 15   | 4.95  |
| 10G1,5 | 0.7 | 15   | 13.3  |
| 10G2,5 | 0.7 | 16.6 | 7.98  |
| 10G4   | 0.7 | 19.1 | 4.95  |
| 12G1,5 | 0.7 | 15.5 | 13.3  |
| 12G2,5 | 0.7 | 17.2 | 7.98  |
| 12G4   | 0.7 | 19.7 | 4.95  |
| 14G1,5 | 0.7 | 16.3 | 13.3  |
| 14G2,5 | 0.7 | 18.1 | 7.98  |
| 16G1,5 | 0.7 | 17.2 | 13.3  |
| 16G2,5 | 0.7 | 19.2 | 7.98  |
| 19G1,5 | 0.7 | 18.1 | 13.3  |
| 19G2,5 | 0.7 | 20.1 | 7.98  |
| 24G1,5 | 0.7 | 21.1 | 13.3  |
| 24G2,5 | 0.7 | 23.5 | 7.98  |
| 27G1,5 | 0.7 | 21.6 | 13.3  |
| 27G2,5 | 0.7 | 24.2 | 7.98  |
| 30G1,5 | 0.7 | 22.4 | 13.3  |
| 30G2,5 | 0.7 | 25   | 7.98  |
| 37G1,5 | 0.7 | 24.2 | 13.3  |
| 37G2,5 | 0.7 | 27   | 7.98  |
| 44G1,5 | 0.7 | 27.2 | 13.3  |
| 44G2,5 | 0.7 | 30.6 | 7.98  |
| 52G1,5 | 0.7 | 28.7 | 13.3  |
| 52G2,5 | 0.7 | 32.2 | 7.98  |
| 61G1,5 | 0.7 | 30.5 | 13.3  |
| 61G2,5 | 0.7 | 34.3 | 7.98  |