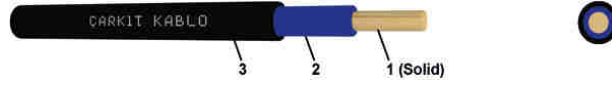
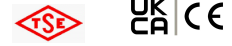


Cable Type : 0,6/1 kV XLPE INSULATED, SINGLE-CORE CABLES WITH COPPER CONDUCTORS.



CERTIFICATE/APPROVAL



CABLE DESCRIPTION

CONSTRUCTION

| | | |
|------------------|---|---|
| STANDARD | : | IEC 60502-1 |
| (1) CONDUCTOR | : | CLASS 1 & 2 EN 60228 RE: Class 1 solid copper conductor RM: Class 2 stranded copper conductor |
| (2) INSULATION | : | XLPE (Cross-Linked Polyethylene) |
| (3) SHEATH | : | PVC (Polyvinyl Chloride) |

CHARACTERISTICS

| | | |
|-------------------------------------|---|------------------------------|
| OPERATING TEMPERATURE | : | -5°C / +90 °C |
| MAX. SHORT CIRCUIT TEMPERATURE | : | 250 °C (max. 5 sec.) |
| NOMINAL VOLTAGE (U ₀ /U) | : | 600 / 1000 V |
| TEST VOLTAGE | : | 3500 V |
| MINIMUM BENDING RADIUS | : | 15 x D D = Cable Diameter |

INSULATION COLOR

● Blue ● Brown

SHEATH COLOUR

● Black

FLAME RETARDANT

IEC 60332-1-2



APPLICATIONS

These cables have a low dielectric loss, used indoors and outdoors, in cable ducts, underground, in power or switching stations, local energy distributions, industrial plants, where there is no risk of mechanical damage.



CABLE DIAMETERS

| NUMBER AND NOMINAL CROSS-SECTIONAL AREA OF CONDUCTORS | CONDUCTOR TYPE | COPPER DIMENSION | THICKNESS OF INSULATION SPECIFIED VALUE | THICKNESS OF SHEATH SPECIFIED VALUE | AVERAGE OVERALL DIAMETER | MAX. RESISTANCE at 20°C | CURRENT CARRYING CAPACITY | | | |
|---|-------------------|---------------------|---|---|-----------------------------|-------------------------------|---------------------------|--------|--------------------|--------|
| | | | | | | | IN GROUND at 20 °C | | IN AIR at 30 °C | |
| mm ² | | mm | mm | mm | mm | Ω/km | A ●●●● | A ●●●● | A ●●●● | A ●●●● |
| 1 x 4 | RE | 2,19 | 0,70 | 1,40 | 6,50 | 4,61 | 66 | 54 | 56 | 40 |
| 1 x 6 | RE | 2,69 | 0,70 | 1,40 | 7,00 | 3,08 | 82 | 67 | 73 | 53 |
| 1 x 10 | RM | 7/1,34 | 0,70 | 1,40 | 8,20 | 1,83 | 109 | 89 | 101 | 74 |
| 1 x 16 | RM | 7/1,69 | 0,70 | 1,40 | 9,30 | 1,15 | 139 | 115 | 137 | 101 |
| 1 x 25 | RM | 7/2,19 | 0,90 | 1,40 | 10,60 | 0,727 | 179 | 148 | 182 | 135 |
| 1 x 35 | RM | 7/2,60 | 0,90 | 1,40 | 11,70 | 0,524 | 213 | 177 | 226 | 169 |
| 1 x 50 | RM | 10/2,60 | 1,00 | 1,40 | 13,00 | 0,387 | 251 | 209 | 275 | 207 |
| 1 x 70 | RM | 14/2,60 | 1,10 | 1,40 | 14,90 | 0,268 | 307 | 256 | 353 | 268 |
| 1 x 95 | RM | 19/2,60 | 1,10 | 1,50 | 17,30 | 0,193 | 366 | 307 | 430 | 328 |
| 1 x 120 | RM | 19/2,98 | 1,20 | 1,60 | 18,50 | 0,153 | 416 | 349 | 500 | 383 |
| 1 x 150 | RM | 24/2,98 | 1,40 | 1,60 | 20,60 | 0,124 | 465 | 393 | 577 | 444 |
| 1 x 185 | RM | 30/2,98 | 1,60 | 1,70 | 23,10 | 0,0991 | 526 | 445 | 661 | 510 |
| 1 x 240 | RM | 37/2,98 | 1,70 | 1,80 | 26,00 | 0,0754 | 610 | 517 | 781 | 607 |

Due to variables in production, the information on this data sheet is approximate and subject to change without any notice.

