

600/1000 V sc Service cables with split concentric neutral and earth conductor Al Low voltage



Application:

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| Application | 600/1000 V A.C. Service cable |
| Conductor temperature | Max. 90 °C |
| Short circuit temperature | Max. 250 °C |
| Installation temperature | Min. -10 °C |
| Min. radius of bend | 10 x D |
| Max. pullings tension | Directly on conductor max 30 N/mm ² of total conductor cross section |

Construction:

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|-------------------------------|-----------------------------------|
| Conductor | Circular solid aluminum conductor |
| Insulation | XLPE |
| Colour marking of core | Brown |
| Neutral conductor | Covered copper wires, blue |
| Earth conductor | Bare, plain copper wires |
| Outer sheath | PVC, black |

Technical:

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|--------------------------|---|
| Standard | BC 7870-3.21 and HD 603 55 |
| Marking of sheath | ELECTRIC CABLE 600/1000 V BS7870-3.21 nkt cables 1 x "Dimension" AL "Year" "Meters" |
| Rated voltage | 1000 V between phases |
| Standard length | 250 m |

Technical properties:

| Number of cores and cross-section | Number and diameter of wires in concentric conductor. Neutral. | Number and diameter of wires in concentric conductor. Earth | Insulation thickness | Outer diameter | Approx weight | Standard length | Diameter of drum | Product number |
|-----------------------------------|--|---|----------------------|----------------|---------------|-----------------|------------------|----------------|
| Number x mm ² | Number x mm | Number x mm | mm | mm | kg/km | m | m | |
| 1 x 25 | 7 x 1,79 | 4 x 2,27 | 0,9 | 15,5 | 510 | 100 | 0,6 | TJX42070 |
| 1 x 35 | 10 x 1,79 | 4 x 2,27 | 0,9 | 16,5 | 620 | 250 | 0,6 | TJX42075 |