

**POWER CABLE**  
**Cu, FR-XLPE insulated, PVC outer sheath**  
**IEC60332.3-22 A, Gen to IEC60502**

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|                     |   |  |
|---------------------|---|--|
| <b>Type</b>         | <b>R-Cu/FR-XLPE/PVC 0,6/1Kv</b><br><b>RE4OR 0,6/1Kv</b>   | <b>2X 2,5sqmm</b>  |
| <b>Conductor :</b>  | Stranded plain copper conductor according to IEC60228 cl.2 size 2,5sqmm ( 7x0,67 )<br>Diam.                    2 mm |  |
| <b>Insulation :</b> | Cross-linked FR-XLPE extruded compound<br>Thickness :            0,7    mm  | - Temperature range -20 + 90°C<br>- Temperature laying -5 + 90°C |
| <b>Laying up :</b>  | Twisted to core, color Black - Red ( or to be agreed )  |  |

|                       |   |  |
|-----------------------|---|--|
| <b>Outer sheath :</b> | PVC, Polyvinylchloride Low Smoke and Fume extruded compound |  |
| Color :               | Black ( or to be agreed )                                   |  |
| Thickness :           | 1,8 mm  |  |
| Overall diameter :    | 10,2 mm   |  |
| Total weight :        | 150 Kg/Km   |  |

**Marking :**

On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.

|                      |  |             |                        |
|----------------------|--|-------------|------------------------|
| <b>Performance :</b> | - Conductor resistance                                   | 7,41 ohm/Km | ( + 5% for multipair ) |
|                      | - Test voltage core to core                              | 3,5 Kv      |                        |
|                      | - Flame retardant according to IEC60332-3-22, CEI20-22/2 |             |                        |
|                      | - Low smoke and fume as per IEC60754-1, CEI20-37         |             |                        |
|                      | - HCL emission $\leq$ 17%                                |             |                        |
|                      | - Minimum bending radius                                 | 14 V. D.    |                        |
|                      | - Hydrocarbon and UV resistant                           |             |                        |

**Weight and diameter are theoretical + / - 10%**