

**FIRE RESISTANT INSTRUMENTATION CABLE  
CuMGT, XLPE insulated, LSZH outer sheath  
IEC60332.3, IEC60754, IEC61034, IEC60331-23**

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| <b>Type</b>           | <b>R-Cu/MGT/XLPE/LSZH 0,6/1Kv<br/>RTE4OM1 0,6/1Kv</b>  | <b>3G 2,5sqmm</b> |
| <b>Conductor :</b>    | Strandrd plain copper conductor according to IEC60228 cl.2 size 2,5sqmm ( 7x0,67 )<br>Diam. 2 mm   |                   |
| <b>Insulation :</b>   | Mica tape, Cross-linked XLPE extruded compound - Temperature range -20 + 90°C<br>Thickness : 0,7 mm - Temperature laying -5 + 90°C   |                   |
| <b>Laying up :</b>    | Twisted to core, Y/G - Brown - Blue ( or to be agreed )  |                   |
| <b>Pair screen</b>    |  |                   |
| <b>Overall screen</b> |  |                   |
| <b>Bedding :</b>      | Thickness : mm   |                   |
| <b>Armour :</b>       | Thickness : mm   |                   |
| <b>Outer sheath :</b> | M1, Low Smoke Zero Halogen emission extruded compound<br>Colour : Black ( or to be agreed )<br>Thickness : 1,8 mm<br>Overall diameter : 12 mm<br>Total weight : 230 Kg/Km  |                   |
| <b>Marking :</b>      | On the outhter sheath " manufacturer's name year & description cable " with ink-jet printer.   |                   |
| <b>Performance :</b>  | - Conductor resistance 7,41 ohm/Km (+ 5% for multipair )<br>- Test voltage core to core 3,5 Kv<br>- Flame retardant according to IEC60332.3-22, CEI20-22/2<br>- Low smoke and halogen free as per IEC60754-2, CEI20-37/2<br>- Fire resistant IEC60331-23<br>- Minimum bending radius 16 v.d. |                   |