

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

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|-----------------------|--|--------------------------------|
| <b>Type</b>           | <b>R-CuMGT/XLPE/LSZH/SWA/LSZH 300/500V<br/>RTE4OM1FM1 300/500V</b>   | <b>2X 2,5sqmm</b>              |
| <b>Conductor :</b>    | Strandrd red 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 |
|                       | Thickness : 0,7 mm   | - Temperature laying -5 + 90°C |
| <b>Laying up :</b>    | Twisted to pair, White - Black   |                                |
| <b>Pair screen</b>    |  |                                |
| <b>Overall screen</b> |  |                                |
| <b>Bedding :</b>      | M1, Low Smoke Zero Halogen emission extruded compound  |                                |
|                       | Thickness : 1,0 mm   |                                |
| <b>Armour :</b>       | SWA, Galvanized steel round wires  |                                |
|                       | Thickness : 0,9 mm   |                                |
| <b>Outer sheath :</b> | M1, Low Smoke Zero Halogen emission extruded compound  |                                |
|                       | Colour : Black   |                                |
|                       | Thickness : 1,6 mm   |                                |
|                       | Overall diameter : 14,8 mm   |                                |
|                       | Total weight : 340 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 2 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.<br>- Hydrocarbon and UV resistant |                                |