

**FIRE RESISTANT INSTRUMENTATION CABLE
CuMGT, XLPE insulated, overall screen, LSZH outer sheath
IEC60332.3-22, IEC60754, IEC61034, IEC60331-21**

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|-----------------------|--|-----------------|
| Type | R-Cu/MGT/XLPE/OS/LSZH 0,6/1Kv RTE4OHM1 0,6/1Kv | 2X 1sqmm |
| Conductor : | Strandrd plain copper conductor according to IEC60228 cl.2 size 1sqmm (7x0,43) Diam. 1,3 mm | |
| Insulation : | Mica tape,Cross-linked FR-XLPEextruded compound - Temperature range -20 + 90°C Thickness : 0,7 mm - Temperature laying -5 + 90°C | |
| Laying up : | Twisted to pair, Red - Black (or to be agreed) | |
| Pair screen | | |
| Overall screen | Over the multipair will be shielded with aluminium/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminium/myler tape and further myler tape. | |
| Bedding : | Thickness : mm | |
| Armour : | Thickness : mm | |
| Outer sheath : | M1, Low Smoke Zero Halogen emission extruded compound Colour : Red Thickness : 1,8 mm Overall diameter : 10,6 mm Total weight : 140 Kg/Km | |
| Marking : | On the outhter sheath " manufacturer's name year & description cable " with ink-jet printer. | |
| Performance : | - Conductor resistance 18,1 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 halogen free as per IEC60754-2, CEI20-37/2 - Fire resistant IEC60331-21 - Minimum bending radius 16 v.d. - Hydrocarbon and UV resistant | |