

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

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| Type | R-Cu/MGT/XLPE/OS/LSZH/SWA/LSZH 300/500V RTE4XOHM1FM1 300/500V | 2X2X 1,5sqmm |
| Conductor : | Strandrd plain copper conductor according to IEC60228 cl.2 size 1,5sqmm (7x0,53) Diam. 1,55 mm | |
| Insulation : | Mica tape, Cross-linked XLPE extruded compound | - Temperature range -20 + 90°C |
| | Thickness : 0,5 mm | - Temperature laying -5 + 90°C |
| Laying up : | Twisted to pair, White - Black numbered (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 : | M1, Low Smoke Zero Halogen emission extruded compound | |
| | Thickness : 1,0 mm | |
| Armour : | SWA, Galvanized steel round wires | |
| | Thickness : 0,9 mm | |
| Outer sheath : | M1, Low Smoke Zero Halogen emission extruded compound | |
| | Colour : Grey | |
| | Thickness : 1,4 mm | |
| | Overall diameter : 15,8 mm | |
| | Total weight : 380 Kg/Km | |
| Marking : | On the outhter sheath " manufacturer's name year & description cable " with ink-jet printer. | |
| Performance : | - Conductor resistance 12,1 ohm/Km (+ 5% for multipair) - Test voltage core to core 2 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 | |