

FIRE RESISTANT INSTRUMENTATION CABLE
CuMGT, XLPE insulated, overallscreen, LSZH, SWB, LSZH outer sheath
IEC60332.3, IEC60754, IEC61034, IEC60331-21

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|-----------------------|---|-----------------|
| Type | F-Cu/MGT/XLPE/OS/LSZH/SWB/LSZH 450/750V | 8X 1sqmm |
| | FTE4OHM1AM1 450/750V | |
| Conductor : | Flexible red copper conductor according to IEC60228 cl.5 size 1sqmm (32x0,20) Diam. 1,3 mm | |
| Insulation : | Mica tape, Cross-linked XLPE extruded compound - Temperature range -20 + 90°C Thickness : 0,7 mm - Temperature laying -5 + 90°C | |
| Laying up : | Twisted to core, 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 : | SWB, Galvanized steel braid wires Thickness : 0,3 mm | |
| Outer sheath : | M1, Low Smoke Zero Halogen emission extruded compound Colour : Red (or to be agreed) Thickness : 1,6 mm Overall diameter : 18 mm Total weight : 580 Kg/Km | |
| Marking : | On the outhter sheath " manufacturer's name year & description cable " with ink-jet printer. | |
| Performance : | - Conductor resistance 19,5 ohm/Km (+ 5% for multipair) - Test voltage core to core 3 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, EN50200 - Minimum bending radius 16 v.d. | |