

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

| | | |
|-----------------------|---|---------------------------------------|
| Type | F-CuMGT/XLPE/OS/LSZH/SWA/LSZH 0,6/1Kv | 2X 1,5sqmm |
| | FTE4OHM1AM1 0,6/1Kv | |
| Conductor : | Flexible red copper conductor according to IEC60228 cl.5 size | 1,5sqmm (28x0,25) |
| | Diam. | 1,55 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 pair, Blue - 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 : | SHF1 , Low Smoke Zero Halogen emission extruded compound | |
| | Thickness : | 1,0 mm |
| Armour : | SWB, Galvanized steel braid wires | |
| | Thickness : | 0,3 mm |
| Outer sheath : | SHF1 , Low Smoke Zero Halogen emission extruded compound | |
| | Colour : | Red (or to be agreed) |
| | Thickness : | 1,8 mm |
| | Overall diameter : | 13 mm |
| | Total weight : | 280 Kg/Km |
| Marking : | On the outhter sheath " manufacturer's name year & description cable " with ink-jet printer. | |
| Performance : | - Conductor resistance 13,3 ohm/Km (+ 5% for multipair) | |
| | - Test voltage core to core 4 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 IEC60331-23 | |
| | - Minimum bending radius 16 v.d. | |
| | - Hydrocarbon and UV resistant | |