

**INSTRUMENTATION CABLE
Cu, XLPE insulated, overall screen, PVC outer sheath
IEC60332.3, EN50288-7**

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| Type | F-Cu/XLPE/OS/PVC 300/500V FE4XOHR 300/500V | 2X 1,5sqmm |
| Conductor : | Flexible tinned copper conductor acc. to IEC60228 cl.5 Diam. 1,55 mm | size 1,5sqmm (28x0,25) |
| Insulation : | Cross-linked XLPE extruded compound Thickness : 0,6 mm | - Temperature range -20 + 90°C - Temperature laying -5 + 90°C |
| Laying up : | Twisted to pairs, color White - Black (or to be agreed) | |
| Overall screen | Over the multipair will be shielded with aluminum/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminum/mylar tape and further mylar tape. | |
| Bedding : | Thickness : | mm |
| Armor : | Thickness : | mm |
| Outer sheath : | PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Black (or to be agreed) Thickness : 1,4 mm Overall diameter : 8,8 mm Total weight : 110 Kg/Km | |
| Marking : | On the outer sheath " manufacturer's name year & description cable " with ink-jet printer. | |
| Performance : | - Conductor resistance 13,7 ohm/Km (+ 5% for multipair) - Test voltage core to core 2 Kv - Flame retardant according to IEC60332-3-24, CEI20-22/3 - Low smoke and fume as per IEC60754-1, CEI20-37 - HCL emission <= 22% - Minimum bending radius 8 V. D. - Hydrocarbon resistant | |

Weight and diameter are theoretical + / - 10%