

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

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| Type | F-Cu/XLPE/PVC/SWA/PVC 0,6/1Kv FE4ORFR 0,6/1Kv | 4X 16sqmm |
| Conductor : | Flexible red copper conductor according to IEC60228 cl.5 size 16sqmm (7X18X0,40) Diam. 5,2 mm | |
| Insulation : | Cross-linked XLPE extruded compound Thickness : 0,7 mm | - Temperature range -20 + 90°C - Temperature laying -5 + 90°C |
| Laying up : | Twisted to pairs, color Blue - Brown - Black - Grey (or to be agreed) | |

Overall screen

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| Bedding : | PVC, Polyvinylchloride Low Smoke and Fume extruded compound Thickness : 1,0 mm | |
| Armor : | SWA, Galvanized steel round wires Thickness : 1,25 mm | |
| Outer sheath : | PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Black (or to be agreed) Thickness : 2,0 mm Overall diameter : 28 mm Total weight : 1500 Kg/Km | |

Marking :

On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.

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| Performance : | - Conductor resistance 1,21 ohm/Km (+ 5% for multipair) - Test voltage core to core 4 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 14 V. D. - Hydrocarbon and UV resistant | |
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Weight and diameter are theoretical + / - 10%