

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

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| Type | R-Cu/PVC/OS/PVC 300/500V RE4OHR 300/500V | 2X 1sqmm |
| Conductor : | Stranded plain copper conductor according to IEC60228 cl.2 size 1sqmm (7x0,43) Diam. 1,3 mm | |
| Insulation : | Cross-linked XLPE extruded compound Thickness : 0,5 mm | - Temperature range -20 + 90°C - Temperature laying -5 + 90°C |
| Laying up : | Twisted to pair, color White - Black (or to be agreed) | |
| Overall screen | Applied over total assembly will be wrapped with polyester tape and shielded with Aluminum/Mylar tape 100% coverage and 25% overlap with metal side in contact with a tinned copper drain wire 7x0,30 size 0,5sqmm. | |
| Outer sheath : | PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Blue (or to be agreed) Thickness : 1,2 mm Overall diameter : 8 mm Total weight : 100 Kg/Km | |
| Marking : | On the outer sheath " manufacturer's name year & description cable " with ink-jet printer. | |
| Performance : | - Conductor resistance 18,1 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 and UV resistant - Inductance <= 0,90 mH/Km - Capacitance <= 0,115 microF/Km | |

Weight and diameter are theoretical + / - 10%