

INSTRUMENTATION CABLE
Cu, PVC insulated, overall screen, PVC bedding, SWA, PVC outer sheath
IEC60332.3-24

| | | |
|-----------------------|---|---------------------------------------|
| Type | F(t)-Cu/PVC/OS/PVC/SWA/PVC 0,6/1Kv | 2X 1,5sqmm |
| | FR2OHRFR 0,6/1Kv | |
| Conductor : | Flexible tinned copper conductor acc. to IEC60228 cl.5 | size 1,5sqmm (28x0,25) |
| | Diam. | 1,55 mm |
| Insulation : | PVC extruded compound | - Temperature range -40 + 90°C |
| | Thickness : | 0,8 mm - Temperature laying -5 + 70°C |
| Laying up : | Twisted to pair, color Red - 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. | |
| Bedding : | PVC, Polyvinylchloride Low Smoke and Fume extruded compound | |
| | Thickness : | 1,0 mm |
| Armour : | SWA, Galvanized steel round wires | |
| | Thickness : | 0,9 mm |
| Outer sheath : | PVC, Polyvinylchloride Low Smoke and Fume extruded compound | |
| | Color : | Black (or to be agreed) |
| | Thickness : | 1,8 mm |
| | Overall diameter : | 12,8 mm |
| | Total weight : | 280 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 3,5 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 UV resistant | |
| | Inductance <= | 0,90 mH/Km |
| | Capacitance <= | 0,250 microF/Km |

Weight and diameter are theoretical + / - 10%