

INSTRUMENTATION CABLE
Cu, XLPE insulated, individual and overall screen, LSZH outer sheath
IEC60332.3, IEC61034, IEC60754, EN50288-7

| | | |
|--------------------------|---|--|
| Type | R-Cu/XLPE/IS/OS/LSZH 300V RE4XHOHM1 300V | 8X3X 0,5sqmm |
| Conductor : | Stranded plain copper conductor according to IEC60228 cl.2 size 0,5sqmm (7x0,30) Diam. 0,9 mm | |
| Insulation : | Cross-linked XLPE extruded compound Thickness : 0,4 mm | - Temperature range -20 + 90°C - Temperature laying -5 + 90°C |
| Laying up : | Twisted to core, color Red - White - Black numbered (or to be agreed) | |
| Pair/Triad screen | Applied over the single pair/triad 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, over the screen will be placed a further Mylar tape. | |
| 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 : | M1, Low Smoke Zero Halogen emission extruded compound Color : Black (or to be agreed) Thickness : 1,6 mm Overall diameter : 17 mm Total weight : 400 Kg/Km | |
| Marking : | On the outer sheath " manufacturer's name year & description cable " with ink-jet printer. | |
| Performance : | <ul style="list-style-type: none">- Conductor resistance 36,7 ohm/Km (+ 5% for multipair)- Test voltage core to core 1,5 Kv- Flame retardant according to IEC60332-3-24, CEI20-22/3- Low smoke and halogen free as per IEC60754-2, CEI20-37/2- Low smoke density emission IEC61034-1/2- Minimum bending radius 8 V. D.- Hydrocarbon and UV resistant - Inductance </= 0,90 mH/Km- Capacitance </= 0,150 microF/Km | |

Weight and diameter are theoretical + / - 10%