
INSTRUMENTATION CABLE
Cu, XLPE insulated, overall screen, LSZH outer sheath
IEC60332.3, IEC60754

Type **R-Cu/XLPE/OS/LSZH 0,6/1Kv**
RE4OHM1 0,6/1Kv

Conductor : Stranded plain copper conductor according to IEC60228 cl.2 size 1,5sqmm (7x0,53)
Diam. 1,55 mm

Insulation : Cross-linked XLPE extruded compound - Temperature range -20 + 90°C
Thickness : 0,7 mm - Temperature laying -5 + 90°C

Laying up : Twisted to core, White-Black / White-Black-Red / Black numbered (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 : M1, Low Smoke Zero Halogen emission extruded compound
Color : Black (or to be agreed)

Marking :

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

Performance :

- Conductor resistance 12,1 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 halogen free as per IEC60754-2, CEI20-37/2
- Low smoke density emission IEC61034-1/2
- Hydrocarbon and UV resistant

- Inductance \leq 0,90 mH/Km
- Capacitance \leq 0,250 microF/Km