

INSTRUMENTATION CABLE
Cu, XLPE insulated, PET, overall screen CWB, LSZH outer sheath
IEC60332.3, IEC60754, IEC61034

Type	R-Cu/XLPE/CWB/LSZH 300/500v RE4XOHM1 300/500V	32X2X 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 : 0,5 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to pair, color White - Black numbered (or to be agreed)	

Bedding : Mylar tape
Thickness : 0,05 mm

Screen : CWB plain copper wire braid
Thickness : 0,20 mm

Outer sheath : M1, Low Smoke Zero Halogen emission extruded compound
Color : Black (or to be agreed)
Thickness : 1,8 mm
Overall diameter : 27 mm
Total weight : 1180 Kg/Km

Marking :

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

Performance :

- Conductor resistance 36 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 halogen free as per IEC60754-2, CEI20-37/2
- Low smoke density emission IEC61034-1/2
- Minimum bending radius 12 V. D.
- Hydrocarbon and UV resistant

Weight and diameter are theoretical +/- 10%