

**INSTRUMENTATION CABLE
Cu, XLPE insulated, SHF2 outer sheath
IEC60332.3, EN50363, IEC60092-359, BS7655 SW3**

Type	R-Cu/XLPE/SHF2 0,6/1Kv RE4OM2 0,6/1Kv	3G 1,5sqmm
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 Thickness : 0,7 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to core, color Brown - Blue - Y/G (or to be agreed)	

Bedding : SHF2 , Low Smoke Zero Halogen emission extruded compound
Thickness : 0,8 mm

Outer sheath : SHF2 , Low Smoke Zero Halogen emission extruded compound
Color : Black (or to be agreed)
Thickness : 1,8 mm
Overall diameter : 11 mm
Total weight : 190 Kg/Km

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 3,5 Kv
- Flame retardant according to IEC60332-3-22, CEI20-22/2
- 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 resistant

- Inductance <=/= 0,90 mH/Km
- Capacitance <=/= 0,075 microF/Km

Weight and diameter are theoretical + / - 10%