

INSTRUMENTATION CABLE
Cu, XLPE insulated, overall screen, PVC bedding, SWA, PVC outer sheath
IEC60332.3, IEC60502

Type	R-Cu/XLPE/OS/PVC/SWA/PVC 0,6/1Kv	2X 1,5sqmm
	RE4OHRFR 0,6/1Kv	
Conductor :	Strandrd plain copper conductor according to IEC60228 cl.2 siz 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 pair, color White - 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 sizq 0,5sqmm.	
Bedding :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Thickness : 1,0 mm Inner diameter : 9,0 mm	
Armour :	SWA, Galvanized steel round wires #RIF! 0,9 #RIF!	
Outer sheath :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Black (or to be agreed) Thickness : 1,8 mm Overall diameter : 13 mm Total weight : 280 Kg/Km	
Marking :	On the outhere 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 IEC60332-3-24, CEI20-22/3 - Low smoke and fume as per IEC60754-1, CEI20-37 - HCL emission <= 22% - Minimum bending radius 14 V. D. - Hydrocarbon and UV resistant - Inductance <= 0,90 mH/Km - Capacitance <= 0,075 microF/Km	

Weight and diameter are theoretical + / - 10%