

**INSTRUMENTATION CABLE
Cu, XLPE insulated, overall screen, PVC outer sheath
IEC60332.3**

Type	F-Cu/XLPE/OS/PVC 0,6/1Kv FE4OHR 0,6/1Kv	10G 1sqmm
Conductor :	Flexible red copper conductor according to IEC60228 cl.5 size 1sqmm (32x0,20) Diam. 1,3 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 Y/G - Black numbered (or to be agreed)	
Overall screen	Over the multipair will be shielded with aluminum/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminum/mylar tape and further mylar tape.	
Bedding :	Thickness :	mm
Armor :	Thickness :	mm
Outer sheath :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Blue (or to be agreed) Thickness : 1,8 mm Overall diameter : 15 mm Total weight : 340 Kg/Km	
Marking :	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	- Conductor resistance 19,5 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 fume as per IEC60754-1, CEI20-37 - HCL emission <= 22% - Minimum bending radius 8 V. D. - Hydrocarbon resistant	

Weight and diameter are theoretical + / - 10%