

INSTRUMENTATION CABLE**T-Cu, XLPE insulated, individual and overall screen, PVC bedding, SWA, PVC outer sheath
IEC60332.1, IEC60332.3, EN50288-7**

Type	F-Cu/XLPE/IS/OS/PVC/SWA/PVC 300/500V FE4XHOHRFR 300/500V		
Conductor :	Flexible tinned copper conductor acc. to IEC60228 cl.5	size	1,5sqmm (28x0,25)
	Diam.	1,55	mm
Insulation :	Cross-linked XLPE extruded compound		- Temperature range -20 + 90°C
	Thickness :	0,6	mm - Temperature laying -5 + 90°C
Laying up :	Twisted to pair, color White - Black numbered (or to be agreed)		
Pair screen	Each pair will be shielded with aluminium/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminium/mylar tape and further mylar tape.		
Overall screen	Over the multipair will be shielded with aluminium/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminium/mylar tape and further mylar tape.		
Bedding :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound		
	Thickness :	1,2	mm
Armor :	SWA, Galvanized steel round wires		
Outer sheath :	PVC, Polyvinylchloride Low Smoke and Fume 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	13,7	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 fume as per IEC60754-1, CEI20-37		
	- HCL emission < /= 22%		
	- Hydrocarbon and UV resistant		