

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

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<b>Type</b>	<b>F-Cu/XLPE/OS/PVC/SWA/PVC 300/500V</b> <b>FE4XOHRFR 300/500V</b>		
<b>Conductor :</b>	Flexible tinned copper conductor acc. to IEC60228 cl.5	size	1,5sqmm ( 28x0,25 )
	Diam.	1,55	mm
<b>Insulation :</b>	Cross-linked XLPE extruded compound		- Temperature range -20 + 90°C
	Thickness :	0,6	mm - Temperature laying -5 + 90°C
<b>Laying up :</b>	Twisted to pair, color White - Black numbered ( or to be agreed )		
<b>Pair screen</b>			
<b>Overall screen</b>	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.		
<b>Bedding :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound		
	Thickness :	1,2	mm
<b>Armor :</b>	SWA, Galvanized steel round wires		
<b>Outer sheath :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound		
	Color :	Black ( or to be agreed )	
<b>Marking :</b>	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.		
<b>Performance :</b>	- 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		