

INSTRUMENTATION CABLE
Cu, PVC insulated, overall screen, PVC outer sheath
IEC60332.1, IEC60332.3, EN50288-7

Type	F-Cu/PVC/OS/PVC 450/750V FR2XOHR 450/750V		
Conductor :	Flexible red copper conductor according to IEC60228 cl.5 size 0,75sqmm (24x0,20) Diam. 1,12 mm		
Insulation :	PVC extruded compound	- Temperature range -15 + 80°C	
	Thickness : 0,7 mm	- Temperature laying -5 + 70°C	
Laying up :	Twisted to pair, color Blue - Black numbered (or to be agreed)		
Pair screen (only multipair)			
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 :	Thickness :	mm	
Armor :			
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 26 ohm/Km (+ 5% for multipair) - Test voltage core to core 3 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 resistant		

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Technical data & Electrical properties at 20°C

DESCRIPTION	Sheath thickness	Ext.Dia m mm	W. Kg/Km	Armor Diam.	Bending radius
FR2XOHR 450/750V 2x0,75	1,2	8	90		64
FR2XOHR 450/750V 2X2X0,75	1,4	9	130		72
FR2XOHR 450/750V 4X2X0,75	1,6	14,7	280		118

Weight and diameter are theoretical +/- 10%