

INSTRUMENTATION CABLE**Cu, PVC insulated, individual and overall screen, PVC bedding, SWB, PVC outer sheath
IEC60332.3, CEI20-22/2, Hydrocarbon Resistant**

Type	F-Cu/PVC/IS/OS/PVC/SWB/PVC 450/750V FR2XHOHRAR 450/750V	
Conductor :	Flexible red copper conductor according to IEC60228 cl.5 size 1,5sqmm (28x0,25) Diam. 1,55 mm	
Insulation :	PVC extruded compound Thickness : 0,7 mm	- Temperature range -15 + 80°C - Temperature laying -5 + 70°C
Laying up :	Twisted to pair, color Blue - Black numbered (or to be agreed)	
Pair screen (only multipair)	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 : 1,0 mm	
Armor :	SWB, Galvanized steel braid 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 13,3 ohm/Km (+ 5% for multipair) - Test voltage core to core 3 Kv - Flame retardant according to IEC60332-3-22, CEI20-22/2 - 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.	Bendin g radius
FR2XOHRAR 450/750V 2X1,5	1,6	13	280	0,30	156
FR2XHOHRAR 450/750V 2X2X1,5	1,6	18	470	0,30	216
FR2XHOHRAR 450/750V 12X2X1,5	2	31	1550	0,30	372
FR2XHOHRAR 450/750V 24X2X1,5	2	39	2600	0,30	468

Weight and diameter are theoretical +/- 10%