

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

Type	Cu-CI5/PVC/IS/OS/PVC 450/750V FR2XHOHR 450/750V	2X2X 1,5sqmm
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 + 70°C - Temperature laying -5 + 70°C
Laying up :	Twisted to pair, color Blue - Black numbered	
Pair/Triad 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. Each pair will be shielded with aluminium/mylar tape, with tinned copper drain wire 7x0,20	
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. Over the multipair will be shielded with aluminium/mylar tape, with tinned copper drain	
Outer sheath :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Gery Thickness : 1,6 mm Overall diameter : 14,5 mm Total weight : 280 Kg/Km	
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 IEC60332-3-24, CEI20-22/3 - Low smoke and fume as per IEC60754-1, CEI20-37 - HCL emission </= 22% - Minimum bending radius 8 V. D. - Hydrocarbon resistant - Inductance </= 0,90mH/Km - Capacitance </= 0,20microF/Km	

Weight and diameter are theoretical + / - 10%