

INSTRUMENTATION CABLE**Cu, PVC insulated, individual and overall screen, PVC outer sheath
IEC60332.1, IEC60332.3**

Type	Cu-CI5/PVC/IS/OS/PVC 0,6/1Kv FR2XHOHR 0,6/1Kv
Conductor :	Flexible red copper conductor according to IEC60228 cl.5 size 0,5sqmm (16x0,20) Diam. 0,9 mm
Insulation :	PVC extruded compound - Temperature range -15 + 80°C Thickness : 0,6 mm - Temperature laying -5 + 70°C
Laying up :	Twisted to pairs, Blue - Black numbered (or to be agreed)
Pair/Triad screen	Applied over the single pair/triad will be wrapped with polyester tape and shielded with Aluminum / Mylar tape 100% coverage and 25% overlap with metal side in contact with a tinned copper drain wire 7x0,30 sizq 0,5sqmm, over the screen will be placed a further Mylar tape.
Overall screen	Applied over total assembly will be wrapped with polyester tape and shielded with Aluminum/Mylar tape 100% coverage and 25% overlap with metal side in contact with a tinned copper drain wire 7x0,30 sizq 0,5sqmm.
Bedding :	Thickness : mm
Outer sheath :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Blue
Marking :	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.
Performance :	<ul style="list-style-type: none">- Conductor resistance 39 ohm/Km (+ 5% for multipair)- Test voltage core to core 4 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- Cable for intrinsically safe application- Inductance <= 0,90mH/Km- Capacitance <= 0,20microF/Km- This cable is suitable to be used in ATEX area following the EN60079-14 prescription

