

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

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<b>Type</b>	<b>R-Cu/XLPE/PVC/SWA/PVC 300/500V RE4ORFR 300/500V</b>	<b>12x 2,5sqmm</b>
<b>Conductor :</b>	Strandrd red copper conductor according to IEC60228 cl.2 size 2,5sqmm ( 7x0,67 ) Diam. 2 mm	
<b>Insulation :</b>	Cross-linked XLPE extruded compound Thickness : 0,6 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
<b>Laying up :</b>	Twisted to core, color Black numbered ( or to be agreed )	

**Overall screen**

<b>Bedding :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Thickness : 1,0 mm	
<b>Armor :</b>	SWA, Galvanized steel round wires Thickness : 0,9 mm	
<b>Outer sheath :</b>	PVC, Polyvinylchloride Low Smoke and Fume extruded compound Color : Black ( or to be agreed ) Thickness : 2,0 mm Overall diameter : 24 mm Total weight : 1000 Kg/Km	

**Marking :**

On the outhter sheath " manufacturer's name year & description cable " with ink-jet printer.

<b>Performance :</b>	- Conductor resistance 7,41 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% - Minimum bending radius 12 V. D. - Hydrocarbon and UV resistant	
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**Weight and diameter are theoretical +/- 10%**