

**INSTRUMENTATION CABLE**  
**Cu, XLPE insulated, PET, overall screen CWB, LSZH outer sheath**  
**IEC60332.3, IEC60754, IEC61034**

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<b>Type</b>	<b>R-Cu/XLPE/CWB/LSZH 300/500v</b> <b>RE4XOHM1 300/500V</b>	<b>24X2X 0,5sqmm</b>
<b>Conductor :</b>	Stranded plain copper conductor according to IEC60228 cl.2 size 0,5sqmm ( 7x0,30 ) Diam. 0,9 mm	
<b>Insulation :</b>	Cross-linked XLPE extruded compound Thickness : 0,5 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
<b>Laying up :</b>	Twisted to pair, color White - Black numbered ( or to be agreed )	

<b>Bedding :</b>	Mylar tape Thickness : 0,05 mm
<b>Screen :</b>	CWB plain copper wire braid Thickness : 0,20 mm
<b>Outer sheath :</b>	M1, Low Smoke Zero Halogen emission extruded compound Color : Black ( or to be agreed ) Thickness : 1,8 mm Overall diameter : 24 mm Total weight : 840 Kg/Km

**Marking :**

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

<b>Performance :</b>	- Conductor resistance 36 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 halogen free as per IEC60754-2, CEI20-37/2
	- Low smoke density emission IEC61034-1/2
	- Minimum bending radius 12 V. D.
	- Hydrocarbon and UV resistant

**Weight and diameter are theoretical + / - 10%**