

INSTRUMENTATION CABLE
Cu, XLPE insulated, overall screen, PE bedding, GSWB, LSZH outer sheath
IEC60332.1, EN50288-7

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| Type | R-Cu/XLPE/OS/PE/GSWB/LSZH 300/500V RE-2X(st)2Y GSWB H | 12X2X 1,3sqmm |
| Conductor : | Strandrd red copper conductor according to IEC60228 cl.2 size 1,3sqmm (7x0,49) Diam. 1,3 mm | |
| Insulation : | Cross-linked XLPE extruded compound Thickness : 0,6 mm | - Temperature range -20 + 90°C - Temperature laying -5 + 90°C |
| Laying up : | Twisted to pairs, color White - Black numbered (or to be agreed) | |
| Overall screen | Over the multipair will be shielded with aluminum/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminum/myler tape and further mylar tape. | |
| Bedding : | PE, Polyethylene extruded compound Thickness : 1,2 mm | |
| Armor : | SWB, Galvanized steel braid wires Thickness : 0,3 mm | |
| Outer sheath : | M1, Low Smoke Zero Halogen emission extruded compound Color : Black (or to be agreed) Thickness : 2,0 mm Overall diameter : 28 mm Total weight : 1180 Kg/Km | |
| Marking : | On the outhter sheath " manufacturer's name year & description cable " with ink-jet printer. | |
| Performance : | - Conductor resistance 12,1 ohm/Km (+ 5% for multipair) - Test voltage core to core 2 Kv - Flame retardant according to IEC60332.1, CEI20-35 - Low smoke and halogen free as per IEC60754-2, CEI20-37/2 - Low smoke density emission IEC61034-1/2 - Minimum bending radius 14 V. D. - Hydrocarbon and UV resistant | |

Weight and diameter are theoretical + / - 10%