POWER CABLE
Cu, XLPE insulated, PVC bedding, SWA, PVC outer sheath
IEC60332.1, IEC60332.3-24

Type **R-Cu/XLPE/PVC/SWA/PVC 0,6/1Kv**
RE4ORFR 0,6/1Kv

Conductor : Stranded plain copper conductor according to IEC60228 cl.2 size 2,5sqmm (7x0,67)
Diam. 2 mm

Insulation : Cross-linked XLPE extruded compound - Temperature range -20 + 90°C
Thickness : 0,7 mm - Temperature laying -5 + 90°C

Laying up : Twisted to core, Blue - Brown, Brown - Black - Grey, Blue - Brown - Black - Grey (or to be agreed)

Bedding : PVC, Polyvinylchloride Low Smoke and Fume extruded compound
Thickness : 1,0 mm

Armour : SWA, Galvanized steel round wires

Outer sheath : PVC, Polyvinylchloride Low Smoke and Fume extruded compound
Color : Black (or to be agreed)

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

Performance :
- Conductor resistance 7,41 ohm/Km (+ 5% for multipair)
- Test voltage core to core 3,5 Kv
- Flame retardant according to IEC60332-3-24, CEI20-22/3
- Low smoke and fume as per IEC60754-1, CEI20-37
- HCL emission </= 17%
- Hydrocarbon and UV resistant

- Inductance </= mH/Km
- Capacitance </= microF/Km

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Technical data & Electrical properties at 20°C

DESCRIPTION	Sheath thickness	Ext.Diam mm	W. Kg/Km	Armour Diam.	Bending radius
R-Cu/XLPE/PVC/SWA/PVC 0,6/1Kv 2X2,5	1,8	14,4	310	0,90	202
R-Cu/XLPE/PVC/SWA/PVC 0,6/1Kv 3X2,5	1,8	14,6	360	0,90	204
R-Cu/XLPE/PVC/SWA/PVC 0,6/1Kv 4X2,5	1,8	15,5	420	0,90	217

Weight and diameter are theoretical + / - 10%