

POWER CABLE
Cu, XLPE insulated, LSZH bedding, SWA, LSZH outer sheath
IEC60332.3, IEC60502

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|---------------------|--|--|
| Type | R-Cu/XLPE/LSZH/SWA/LSZH 0,6/1Kv RE4OM1FM1 0,6/1Kv | 4X 2,5sqmm |
| Conductor : | Stranded plain copper conductor according to IEC60228 cl.2 size 2,5sqmm (7x0,67) Diam. 2 mm | |
| Insulation : | Cross-linked XLPE extruded compound Thickness : 0,7 mm | - Temperature range -20 + 90°C - Temperature laying -5 + 90°C |
| Laying up : | Twisted to core, color Y/G - Brown - Black - Grey (or to be agreed) | |

Bedding : M1, Low Smoke Zero Halogen emission extruded compound
Thickness : 1,0 mm

Armour : SWA, Galvanized steel round wires
Thickness : 0,9 mm

Outer sheath : M1, Low Smoke Zero Halogen emission extruded compound
Color : Black (or to be agreed)
Thickness : 1,6 mm
Overall diameter : 15,4 mm
Total weight : 400 Kg/Km

Marking :

On the outer 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 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

- Inductance \leq 0,90 mH/Km
- Capacitance \leq 0,250 microF/Km

Weight and diameter are theoretical + / - 10%