

POWER CABLE
Cu, XLPE insulated, PVC bedding, SWA, PVC outer sheath
IEC60332.3-24, BS6724

| | | |
|-----------------------|--|---------------------------------------|
| Type | R-Cu/XLPE/PVC/SWA/PVC 0,6/1Kv | 4X 2,5sqmm |
| | 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, color Y/G - 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 | |
| | Thickness : | 0,9 mm |
| Outer sheath : | PVC, Polyvinylchloride Low Smoke and Fume extruded compound | |
| | Color : | Black (or to be agreed) |
| | Thickness : | 1,8 mm |
| | Overall diameter : | 15,7 mm |
| | Total weight : | 430 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 fume as per IEC60754-1, CEI20-37 | |
| | - HCL emission <= 22% | |
| | - Minimum bending radius 12 V. D. | |
| | - Hydrocarbon and UV resistant | |
| | - Inductance <= 0,90 mH/Km | |
| | - Capacitance <= 0,075 microF/Km | |

Weight and diameter are theoretical + / - 10%