

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

| | | |
|-----------------------|--|--------------------------------|
| Type | F-Cu/XLPE/PVC/SWA/PVC 0,6/1Kv | 4G 16sqmm |
| | FE4ORFR 0,6/1Kv | |
| Conductor : | Flexible plain copper conductor according to IEC60228 cl.5 size 16sqmm (7X18X0,40) Diam. 5,2 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 : 1,2 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 : 2,0 mm | |
| | Overall diameter : 27 mm | |
| | Total weight : 1500 Kg/Km | |
| Marking : | On the outer sheath " manufacturer's name year & description cable " with ink-jet printer. | |
| Performance : | - Conductor resistance 1,21 ohm/Km (+ 5% for multipair) | |
| | - Test voltage core to core 4 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 resistant | |

Weight and diameter are theoretical + / - 10%