

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	3X 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 - Blue (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 : 14,5 mm	
	Total weight : 340 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%