

POWER CABLE
Cu, XLPE insulated, LSZH bedding, SWB, LSZH outer sheath
IEC60332.3-22, IEC60502

Type	PCu-CI5/XLPE/LSZH/SWB/LSZH 0,6/1Kv	3G 2,5sqmm
	FE40M1AM1 0,6/1Kv	
Conductor :	Flexible plain copper conductor according to IEC60228 cl.5 size 2,5sqmm (48x0,25) 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 Blue - Brown - Y/G (or to be agreed)	

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

Armour : SWB, Galvanized steel braid wires
Thickness : 0,30 mm

Outer sheath : M1, Low Smoke Zero Halogen emission extruded compound
Color : Grey (or to be agreed)
Thickness : 2,0 mm
Overall diameter : 15 mm
Total weight : 350 Kg/Km

Marking :

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

Performance :

- Conductor resistance 7,98 ohm/Km (+ 5% for multipair)
- Test voltage core to core 4 Kv
- Flame retardant according to IEC60332-3-22, CEI20-22/2
- Low smoke and halogen free as per IEC60754-2, CEI20-37/2
- Low smoke density emission IEC61034-1/2
- Minimum bending radius 10 V. D.
- Hydrocarbon resistant

- Inductance </= 0,90 mH/Km
- Capacitance </= 0,075 microF/Km

Weight and diameter are theoretical + / - 10%