

**POWER CABLE
Cu, HEPR insulated, LSZH bedding, CWB, LSZH outer sheath
IEC60332.3, IEC60754, IEC61034**

Type	F-Cu/HEPR/LSZH/CWB/LSZH 0,6/1Kv FG7OM1H2M1 0,6/1Kv	4G 2,5sqmm
Conductor :	Flexible red copper conductor according to IEC60228 cl.5 size Diam. 2 mm	2,5sqmm (48x0,25)
Insulation :	Cross-linked HEPR 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)	

Overall screen

Bedding :	M1, Low Smoke Zero Halogen emission extruded compound Thickness : 1,0 mm
Screen :	CWB red copper wire braid Thickness : 0,2 mm
Outer sheath :	M1, Low Smoke Zero Halogen emission extruded compound Color : Green (or to be agreed) Thickness : 1,6 mm Overall diameter : 15 mm Total weight : 400 Kg/Km

Marking :

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

Performance :	- Conductor resistance 7,98 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 12 V. D.
	- Hydrocarbon and UV resistant

Weight and diameter are theoretical + / - 10%