

CONTROL CABLE
Cu, XLPE insulated, LSZH bedding, SWA, LSZH outer sheath
IEC60332.3, IEC61034, IEC60754

Type	F-Cu/XLPE/LSZH/SWA/LSZH 0,6/1Kv	5G 2,5sqmm
	FE4OM1FM1 0,6/1Kv	
Conductor :	Flexible red 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 Y/G - Brown - Black - Grey - Blue (or to be agreed)	

Overall screen

Bedding :	M1, Low Smoke Zero Halogen emission extruded compound
	Thickness : 1,0 mm
Armor :	SWA, Galvanized steel round wires
	Thickness : 0,9 mm
Outer sheath :	M1, Low Smoke Zero Halogen emission extruded compound
	Color : Black (or to be agreed)
	Thickness : 1,6 mm
	Overall diameter : 18 mm
	Total weight : 540 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	14 V. D.	
	- Hydrocarbon and UV resistant		

Weight and diameter are theoretical + / - 10%