

POWER CABLE
Cu, EPR insulated, SHF1 bedding, GSWB, SHF1 outer sheath
IEC60332.3, IEC60754, IEC61034

Type	F-Cu/EPR/SHF1/GSWB/SHF1 0,6/1Kv	5G 10sqmm
	FG7OM1AM1 0,6/1Kv	
Conductor :	Flexible red copper conductor according to IEC60228 cl.5 size 10sqmm (77x0,40) Diam. 4,1 mm	
Insulation :	Cross-linked HEPR extruded compound	- Temperature range -20 + 90°C
	Thickness : 0,7 mm	- Temperature laying -5 + 90°C
Laying up :	Twisted to core, color Red - Blue - Blue - Black - Y/G	

Overall screen

Bedding :	SHF1 , Low Smoke Zero Halogen emission extruded compound	
	Thickness :	1,0 mm
Armor :	SWB, Galvanized steel braid wires	
	Thickness :	0,30 mm
Outer sheath :	SHF1 , Low Smoke Zero Halogen emission extruded compound	
	Color :	Black (or to be agreed)
	Thickness :	2,0 mm
	Overall diameter :	25 mm
	Total weight :	1290 Kg/Km

Marking :

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

Performance :	- Conductor resistance	1,91 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 halogen free as per IEC60754-2, CEI20-37/2		
	- Low smoke density emission IEC61034-1/2		
	- Minimum bending radius	12 V. D.	
	- Hydrocarbon resistant		

Weight and diameter are theoretical + / - 10%