

**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 FG7OM1AM1 0,6/1Kv	5G 16sqmm
Conductor :	Flexible red copper conductor according to IEC60228 cl.5 size 16sqmm (7X18X0,40) Diam. 5,2 mm	
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 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 : 29 mm Total weight : 1760 Kg/Km	

Marking :

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

Performance :	- Conductor resistance 1,21 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	
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Weight and diameter are theoretical +/- 10%