

POWER CABLE
Cu, EPR insulated, LSZH bedding, SWB, LSZH outer sheath
IEC60332.3-24

Type	F-Cu/EPR/LSZH/SWB/LSZH 450/750V FG7OM1AM1 450/750V	5X 4sqmm
Conductor :	Flexible plain copper conductor according to IEC60228 cl.5 size 4sqmm (56x0,30) Diam. 2,5 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 Black numbered (or to be agreed)	
Bedding :	M1, Low Smoke Zero Halogen emission extruded compound Thickness : 1,0 mm	
Armour :	SWB, Galvanized steel braid wires Thickness : 0,3 mm	
Outer sheath :	M1, Low Smoke Zero Halogen emission extruded compound Color : Black (or to be agreed) Thickness : 1,8 mm Overall diameter : 17,7 mm Total weight : 520 Kg/Km	
Marking :	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	- Conductor resistance 4,95 ohm/Km (+ 5% for multipair) - Test voltage core to core 3 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%