

POWER CABLE
Cu, EPR insulated, overall screen, LSZH outer sheath
IEC60332.3, IEC60754

Type	F-Cu/EPR/OS/LSZH 300/500V FG7OHM1 300/500V	2X 1sqmm
Conductor :	Flexible red copper conductor according to IEC60228 cl.5 size Diam. 1,3 mm	1sqmm (32x0,20)
Insulation :	Cross-linked HEPR extruded compound Thickness : 0,6 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to core, color Blue - Black	
Overall screen	Over the multipair will be shielded with aluminum/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminum/mylar tape and further mylar tape.	
Bedding :	Thickness :	mm
Armor :	Thickness :	mm
Outer sheath :	M1, Low Smoke Zero Halogen emission extruded compound Color : Green (or to be agreed) Thickness : 1,2 mm Overall diameter : 8 mm Total weight : 90 Kg/Km	
Marking :	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	- Conductor resistance 19,5 ohm/Km (+ 5% for multipair) - Test voltage core to core 2 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 8 V. D. - Hydrocarbon resistant	

Weight and diameter are theoretical + / - 10%