

POWER CABLE
CuMGT, XLPE insulated, LSZH outer sheath
IEC60332.3-24, IEC60754, IEC61034, IEC60331-21

Type	R-Cu/MGT/XLPE/LSZH 0,6/1Kv RTE4OM1 0,6/1Kv	2X 2,5sqmm
Conductor :	Stranded plain copper conductor according to IEC60228 cl.2 size 2,5sqmm (7x0,67) Diam. 2 mm	
Insulation :	Mica tape, Cross-linked XLPE extruded compound Thickness : 0,7 mm	- Temperature range -20 + 90°C - Temperature laying -5 + 90°C
Laying up :	Twisted to core, color Blue - Brown (or to be agreed)	

Outer sheath :	M16, Low Smoke Zero Halogen emission extruded compound	
Color :	Red (or to be agreed)	
Thickness :	1,8 mm	
Overall diameter :	10,4 mm	
Total weight :	150 Kg/Km	

Marking :

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

Performance :	- Conductor resistance	7,41 ohm/Km	(+ 5% for multipair)
	- Test voltage core to core	3,5 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	15 V. D.	
	- Hydrocarbon and UV resistant		
	- Inductance </=	mH/Km	
	- Capacitance </=	microF/Km	
	- Fire resistant IEC60331-21		
	- Temperature range -35 / 80°C		

Weight and diameter are theoretical + / - 10%