

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

Type	F-Cu/MGT/FR-HEPR/LSZH 0,6/1Kv	5G 2,5sqmm
	FTG18OM16 0,6/1Kv	
Conductor :	Flexible plain copper conductor according to IEC60228 cl.5 size 2,5sqmm (48x0,25)	
	Diam.	2 mm
Insulation :	Mica tape, Cross-linked G18 extruded compound	- Temperature range -20 + 90°C
	Thickness :	0,7 mm - Temperature laying -5 + 90°C
Laying up :	Twisted to core, color Y/G - Blue - Brown - Black - Grey	

Outer sheath :	M16, Low Smoke Zero Halogen emission extruded compound	
	Color :	Black (or to be agreed)
	Thickness :	1,8 mm
	Overall diameter :	14,6 mm
	Total weight :	340 Kg/Km

Marking :

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

Performance :	- Conductor resistance	7,98 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 </=	0,90 mH/Km	
	- Capacitance </=	0,250 microF/Km	
	- Fire resistant IEC60331-21		