

INSTRUMENTATION CABLE
Cu, XLPE insulated, TCWB, LSZH bedding, SWB, LSZH outer sheath
IEC60332.3, EN50288-7

Type	F-Cu/XLPE/TCWB/LSZH/SWB/LSZH 300/500V	33X 1,5sqmm
	FE4OH2M1AM1 300/500V	
Conductor :	Flexible plain copper conductor according to IEC60228 cl.5 size 1,5sqmm (28x0,25) Diam. 1,55 mm	
Insulation :	Cross-linked XLPE extruded compound	- Temperature range -20 + 90°C
	Thickness : 0,5 mm	- Temperature laying -5 + 90°C
Laying up :	Twisted to core, color Black Numbered (or to be agreed)	
Bedding :	Mylar tape	
	Thickness : 0,023 mm	
Screen :	TCWB tinned copper wire braid	
	Thickness : 0,2 mm	
Bedding :	M1, Low Smoke Zero Halogen emission extruded compound	
	Thickness : 1,0 mm	
Armour :	SWB, Galvanized steel wire braid	
	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 : 28 mm	
	Total weight : 1800 Kg/Km	
Marking :	On the outer sheath " manufacturer's name year & description cable " with ink-jet printer.	
Performance :	- Conductor resistance 13,3 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 14 V. D.	
	- Hydrocarbon and UV resistant	

Weight and diameter are theoretical + / - 10%