

INSTRUMENTATION CABLE**Cu, EPR insulated, individual Al/tape screen, overall TCWB, LSZH bedding, SWA, LSZH outer sheath
IEC60332.1, IEC60332.3, IEC60754, IEC61034**

Type	F-Cu/EPR/ISAI/OSTCWB/LSZH/SWA/LSZH 450 10X2X 2,5sqmm FG7XH0H2tM1FM1 450/750V
Conductor :	Flexible plain copper conductor according to IEC60228 cl.5 size 2,5sqmm (48x0,25) Diam. 2 mm
Insulation :	Cross-linked HEPR extruded compound - Temperature range -20 + 90°C Thickness : 0,6 mm - Temperature laying -5 + 90°C
Laying up :	Twisted to pair, color Blue - Black numbered (or to be agreed)
Pair screen	Each pair will be shielded with aluminum/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminum/mylar tape and further mylar tape.
Overall screen	Over the multipair will be placed PET tape and shielded with with tinned copper braid 0
Bedding :	M1, Low Smoke Zero Halogen emission extruded compound Thickness : 1,0 mm
Armor :	SWA, Galvanized steel round wires Thickness : 0,9 mm
Outer sheath :	M1, Low Smoke Zero Halogen emission extruded compound Color : Black (or to be agreed) Thickness : 2,0 mm Overall diameter : 33 mm Total weight : 1840 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 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%