

INSTRUMENTATION CABLE
Cu, EPR insulated, Cu overall screen, LSZH bedding, SWB, LSZH outer sheath
IEC60332.3, IEC60754, IEC61034

| | | |
|-----------------------|---|--------------------------------|
| Type | F-Cu/EPR/CuOS/LSZH/SWB/LSZH 0,6/1Kv | 7X 1,5sqmm |
| | FG16OH1M16AM16 0,6/1Kv | |
| Conductor : | Flexible plain copper conductor according to IEC60228 cl.5 size 1,5sqmm (28x0,25) Diam. 1,55 mm | |
| Insulation : | Cross-linked HEPR extruded compound | - Temperature range -20 + 90°C |
| | Thickness : 0,7 mm | - Temperature laying -5 + 90°C |
| Laying up : | Twisted to core, color Black numbered (or to be agreed) | |
| Overall screen | Applied over total assembly will be wrapped with polyester tape and shielded with Copper/Mylar tape 100% coverage and 25% overlap with metal side in contact with a tinned copper drain wire 7x0,30 size 0,5sqmm. | |
| Bedding : | M16, Low Smoke Zero Halogen emission extruded compound Thickness : 1,0 mm | |
| Armour : | SWB, Galvanized steel braid wires Thickness : 0,3 mm | |
| Outer sheath : | M16, Low Smoke Zero Halogen emission extruded compound Color : Black (or to be agreed) Thickness : 1,8 mm Overall diameter : 16,3 mm Total weight : 540 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 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 12 V. D. - Hydrocarbon UV resistant - Inductance </= 1,25 mH/Km - Capacitance </= 0,250 microF/Km | |

Weight and diameter are theoretical + / - 10%