

INSTRUMENTATION CABLE
Cu, EPR insulated, overall screen, PVC bedding, SWA, PVC outer sheath
IEC60332.3, IEC60502

Type	F-Cu/EPR/OS/PVC/SWA/PVC 0,6/1Kv	3G 1,5sqmm
	FG7OHRAR 0,6/1Kv	
Conductor :	Flexible red 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 Y/G - Blue - Brown	
Overall screen	Over the multipair will be shielded with aluminum/mylar tape, with tinned copper drain wire 7x0,30 placed between the aluminum/mylar tape and further mylar tape.	
Bedding :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound	
	Thickness : 1,0 mm	
Armor :	SWB, Galvanized steel braid wires	
	Thickness : 0,3 mm	
Outer sheath :	PVC, Polyvinylchloride Low Smoke and Fume extruded compound	
	Color : Black (or to be agreed)	
	Thickness : 1,4 mm	
	Overall diameter : 13,2 mm	
	Total weight : 310 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 4 Kv	
	- Flame retardant according to IEC60332-3-24, CEI20-22/3	
	- Low smoke and fume as per IEC60754-1, CEI20-37	
	- HCL emission <= 22%	
	- Minimum bending radius 10 V. D.	
	- Hydrocarbon resistant	

Weight and diameter are theoretical + / - 10%