

**INSTRUMENTATION CABLE
Cu, PE insulated, CWB overall screen, PE outer sheath
IEC60332.1**

Type	F-Cu/PE/CWB/PE 0,6/1Kv FEXOH2R 0,6/1Kv	2X2X 0,5sqmm
Conductor :	Flexible plain copper conductor according to IEC60228 cl.5 size 0,5sqmm (16x0,20) Diam. 0,9 mm	
Insulation :	Polyethylene extruded compound Thickness : 0,7 mm	- Temperature range -20 + 70°C - Temperature laying -5 + 70°C
Laying up :	Twisted to pair, color Blue - Black numbered (or to be agreed)	

Bedding :	Mylar tape Thickness : mm
Screen :	CWB plain copper wire braid Thickness : 0,2 mm
Outer sheath :	PE, Polyethylene extruded compound Color : Blue (or to be agreed) Thickness : 1,8 mm Overall diameter : 12,5 mm Total weight : 200 Kg/Km

Marking :

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

Performance :	- Conductor resistance 39 ohm/Km (+ 5% for multipair)
	- Test voltage core to core 3,5 Kv
	- Flame retardant according to IEC60332.1, CEI20-35
	- Low smoke and halogen free as per IEC60754-2, CEI20-37/2
	- Low smoke density emission IEC61034-1/2
	- Minimum bending radius 10 V. D.
	- Hydrocarbon resistant
	- Inductance <=/= 0,90 mH/Km
	- Capacitance <=/= 0,075 microF/Km

Weight and diameter are theoretical + / - 10%