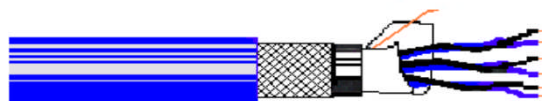


SENSITHERM S.r.l.

Instrumentation cables
PE insulated, overall screened,
PE inner sheath, Armour, PVC outer sheath



Type **PE/OS/PE/SWB/PVC 300/500 V**
FEOHEAR 300/500 V

Conductor

Flexible red copper conductor IEC60228 cl. 5, with a cross section of 1sqmm (32X0,20), 1,5sqmm (28X0,25).

Insulation

Polyethylene compound thickness 0,6mm

- Temperature range -20 + 70°C

- Temperature laying -5 + 70°C

Laying up

Core are twisted to pairs or triad

Identification cores :

- Black, White

Overall screen

Over the multipair / triad layer will be shielded with aluminium/mylar tape, with copper drain wire 20 AWG placed between the aluminium/mylar tape and further mylar tape.

The drain wire is layed up with the other conductors.

Bedding

Polyethylene compound according to IEC60227

Armour

Galvanized steel bride wires 0,30mm

Outer sheath

Polyvinylchloride extruded compound according to IEC60227 blue colour

Marking

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

Performance

Flame retardant according to IEC60332.1

Technical data & Electrical properties at 20°C

Description	Unit	Conductor size	
		1,5 sqmm	1 sqmm
Nominal insulation thickness	mm	0,7	0,6
Conductor resistance	ohm/km	13,3	19,5
Insulation resistance	Mohm/km	500	500
Test voltage Core to Core	V	2.000	2.000
Rated voltage	V	300 /500	300 /500
Minimum bending radius	mm	12	12