

SENSITHERM S.r.l.

**Instrumentation cables
PE insulated, overall screened,
PVC outer sheath**



Type RE-2Y(st)Y
PE/OS/PVC 300/500V

Conductor

Flexible red copper conductor according to IEC60228 cl.5, with a cross section of 1,5sqmm - 28x0,25.

Insulation

Polyethylene compound thickness 0,6mm

- Temperature range -40 + 70°C

- Temperature laying -5 + 70°C

Laying up

Core are twisted to pairs or triad

Identification cores :

- Black, White numbered for multipair

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.

Outer sheath

Polyvinylchloride extruded compound according to IEC60502 Black colour

Marking

On the outer 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
Nominal insulation thickness	mm	0,6
Conductor resistance	ohm/km	13,3
Insulation resistance	Mohm/km	5.000
Test voltage Core to Core	V	2.000
Rated voltage	V	300 /500
Minimum bending radius	mm	12