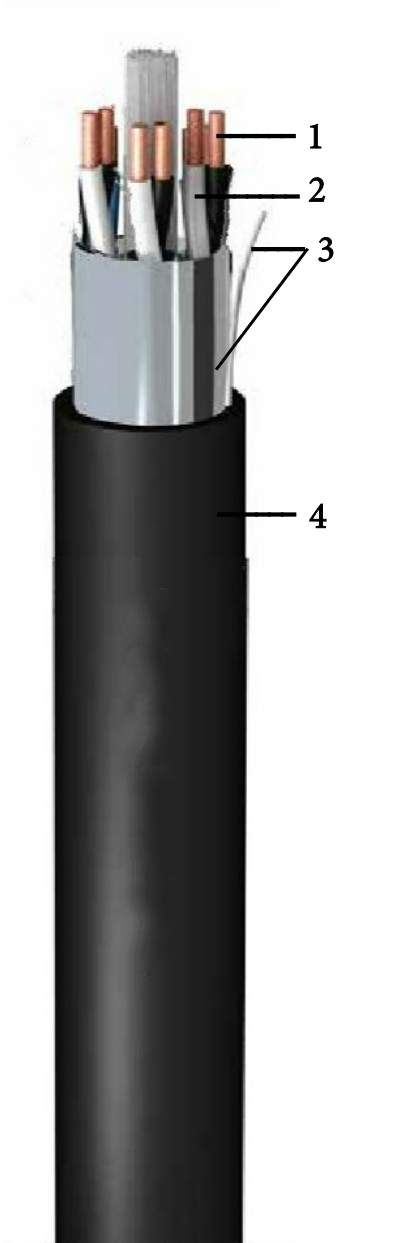


LK INSTRUMENTATION

XLPE / OSCR / PVC

RE-2X(ST)Y-FL

LOW VOLTAGE 300/500 V



DESIGN

1 Conductor

Multi stranded annealed electrolytic copper, class 5, (flexible) based on IEC 60228.
Cross section 0,75 mm², 1,0 mm², 1,5 mm².

2 Insulation

XLPE (According to IEC 60502-1) of 0,5 mm thickness. Core identification:

Pair: each unit numbered (Colours available on request)

Triad: black & white & red. Each unit numbered.

Laying-up

Twisted pairs, assembled in concentric layers.

3 Overall Screen

Aluminum + polyester (PEPT) tape with 100% coverage + tinned copper drain wire of 0,5 mm.

4 Outer sheath

Flexible PVC flame retardant sheath, black color. The ripcord allows you to gently tear the outer-sheath allowing you to gently peel it away without damaging the screen.

Blue for IS. (upon request)

APPLICATIONS

Flexible cable for data transmission between industrial equipment. The overall/collective screen make them especially suitable for their use in high electromagnetic noise environments.

CHARACTERISTICS



Flexible conductor class 5



Minimum bending radius: 10 x cable diameter



UV Resistant



Minimum service temperature: -30°C



Meter by meter marking



Maximum service temperature: 90°C



Flame non-propagation IEC 30332-1



Maximum short-circuit temperature: 250°C (max. 5 s)



Flame retardant (Fire non propagation) IEC 60332-3-23 (Cat A)

INSTALLATION CONDITIONS



Industrial use



Petrochemical



In conduit