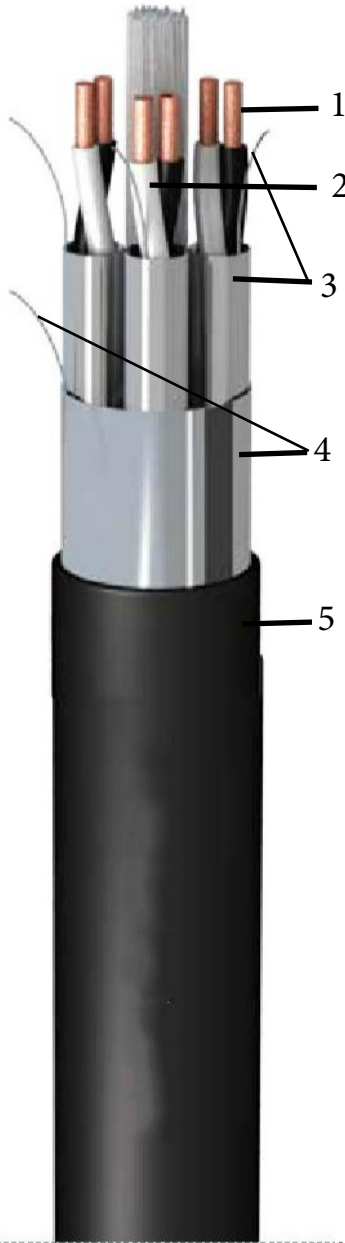


# LK INSTRUMENTATION

XLPE / PSCR / OSCR/ PVC

RE-2X(ST)Y-FL PimF

LOW VOLTAGE 300/500 V



## DESIGN

### 1 Conductor

Electrolytic cooper, class 5, (flexible) based on IEC 60228.

### 2 Insulation

XLPE (According to IEC 60502-1)  
 Core identification Pair: black & white. Each unit numbered.  
 Triad: black & white & red. Each unit numbered.  
 Other colours available on request.

### Cabling

Stranded Conductors in pairs.

### 3 Individual screen

Individual polyester (per pair) composed by on aluminum / polyester tape with 100% coverage + tinned copper drain wire.

### Assembly of cores

Cabled in concentric layers.

### 4 Overall Screen

Aluminum / polyester tape with 100% coverage + tinned copper drain wire.

### 5 Outer sheath

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

## APPLICATIONS

Screened flexible cable for data transmission between industrial equipment. The overall screen and individual (per pair) make them especially suitable for their use in high electromagnetic noise environments.

## CHARACTERISTICS



Flexible conductor class 5



Minimum bending radius: 5 x cable diameter



Minimum service temperature: -30°C



Meter by meter marking



Maximum service temperature: 70°C



Flame non-propagation



Maximum short-circuit temperature: 160°C (max. 5 s)



Flame retardant (Fire non propagation) IEC 60332-3-22 (Cat A)



UV Resistant

## INSTALLATION CONDITIONS



Industrial use



Petrochemical



In conduit