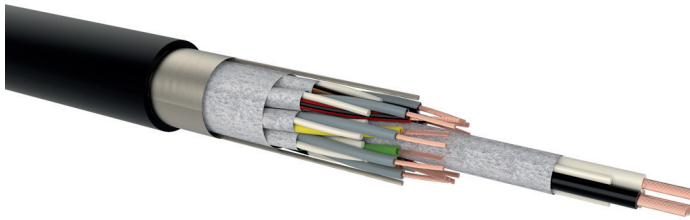


# LE-XY2YA2Y

PE control cable for rope railways, unscreened

## DESIGN



- 1 | Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228
- 2 | Core insulation special cold resistant compound based on polyvinyl chloride (PVC), pairs of special compound based on polyethylene (PE)
- 3 | PVC cores stranded with water-blocking fillers and with water-blocking tape wrapping. Two PE cores twisted into pairs with water-blocking fillers and 8 pairs twisted in the second layer over the first one, stranded with water-blocking fillers and with water-blocking tape wrapping
- 4 | Wrapping with plastic-laminated aluminum foil with two tinned drain wires stranded under the tape, drain wire 0.75mm class 5 according to IEC 60228
- 5 | Outer sheath of special thermoplastic elastomer compound based on polyethylene (PE), colour: black (RAL 9005)

## APPLICATION

Cables for electricity distribution in flexible installations, for controlling or supplying electric and electronic devices.

## TECHNICAL DATA



**Standard:**  
TS ICS 14-2014



**Rated voltage:**  
300/500 V (U<sub>0</sub>/U)



**Test voltage:**  
core / core 2500 V / 50 Hz



**Temperature range:**  
laying temperature: min. -30 °C  
operating temperature: -40 °C up to 70 °C  
conductor temperature: max. 70 °C



**Bending radius (min.):**  
5 x Ø of cable



**Core identification:**  
colour coded

Number of cores x nominal cross-section (mm <sup>2</sup> )	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
<b>LE-XY2YA2Y</b>			
3 x 2.5 + 8 x (2 x 0.75)	19.3	205	406

Technical changes reserved. All figures are therefore without guarantee.

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