

0032202	<b>DATA SHEET</b>	
valid from: 01.01.2019	<b>UNITRONIC® LiYCY-CY</b>	

## Application

UNITRONIC® LiYCY-CY is a double screened flexible data-cable, which is mainly intended for fixed installation and flexible use, but not for constantly moving employment in the electronic sector.

With the single screen of the cores and the complete screen with a high covering the cable is a very good protection against electrical interferences.

The cable is for use in dry or damp rooms, but not for use outside.

## Design

Design	Design based on standard VDE 0812
Conductor	fine wire strands of bare copper wires
Insulation	special PVC-based compound
Core identification code	according to DIN 47100
Stranding	screened and sheathed cores are stranded in layers, wrapping with foil on the outer layer
Screen	over each core: Braiding with tinned copper wires
	final screen: Braiding with tinned copper wires
Outer sheath	Sheath over each screened core: special PVC-based compound colour: grey (similar RAL 7032)
	Complete cable: special PVC-based compound colour: grey (similar RAL 7032)

## Electrical properties at 20°C

Specific volume resistivity	> 20 G $\Omega$ x cm
Peak operating voltage	250 V (not for power applications)
Test voltage	1200 V

## Mechanical and thermal properties

Minimum bending radius	Flexing: 15 x cable $\emptyset$ Fixed installation: 6 x cable $\emptyset$
Temperature range	Flexing: - 5 °C up to +70 °C Fixed installation: - 40 °C up to +80 °C
Flammability	flame retardant acc. to IEC 60332-1-2
General requirements	This cable is conform to the EU-Directive 2011/65/EU (RoHS, Restriction of the use of certain hazardous substances).

Creator: PESA / PDC	Document: DB0032202EN	Page 1 of 1
Released: ALTE / PDC	Version: 03	