



<b>DATA SHEET</b>	0032xxx
<b>UNITRONIC® LiYCY-CY</b>	valid from : 30.10.2002

## 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.

UNITRONIC® LiYCY-CY is for use in dry or damp rooms, but not for use outside.

## Technical data

Design	in acc. to VDE 0812	
Conductor	in acc. to VDE 0812, but bare copper, (up to 0.25 mm <sup>2</sup> ), VDE 0295 class 5, (0.5 to 1.5 mm <sup>2</sup> )	
Core insulation	PVC compound Y12 in acc. to VDE 0207 part 4	
Core identification	colour code acc. with DIN 47100 however without colour repetition after the 44th core Exception: sequence of colour of the 4-cores cable: White, brown, green, yellow	
Screen of the cores	braid of tinned copper, coverage = 85 % (nominal value)	
Braid	plastic foil	
Screen of whole	braid of tinned copper, coverage = 85 % (nominal value)	
Outer Sheath	PVC compound YM2 in acc. with VDE 0207 part 5	
Colour of outer sheathing	pebblestone gray (RAL 7032)	
Conductor resistance	0.14 mm <sup>2</sup>	148 Ω/km,
	0.25 mm <sup>2</sup>	79.9 Ω/km
	from 0.5 mm <sup>2</sup>	in acc. to VDE 0295
Insulation	specific insulation resistance: min 10 GΩxkm in acc. to VDE 0207, part 4	
Inductance	approx. 0.2 mH/km	
Peak voltage (for electronic use only)	250 V	
Test voltage	1200 V	
Min. bending radius	15 x cable diameter	
Temperature range	moved	-5°C up to +70°C
	static	-30°C up to +80°C
Flame propagation	flame retardant in acc. to VDE 0482 part 265-2-1 / IEC 60 332.1	

elaborated by: TE-K:	Document: DB0032202_2EN	page 1 of 1
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