

## Application

For flexible use in free movement without tensile stress and without forced movement control in dry, damp and wet areas, but not outdoors, in any place where constructive or structural measures in the outer diameter minimum control and signal lines are required. This applies especially to such areas as tool machine industries as well as electronic, computer, measurement and control sectors.

## Electronic cables unshielded



## Marking

**LIYY02506B - PROSPECTA LIYY 6 x 0,25 300/500 V Eca (\*) (Metering) mt**

\* = Lot of production

Color Marking

Blue

## Construction

		Section	Construction	Diameter	Thickness
Inner Conductor	Bare Copper, Stranded		(Approx.)		
Insulation	Polyvinylchloride (PVC) TI1 (YI1)				
Identification	Colors according to DIN 47100	mm <sup>2</sup>	Nr / Ø mm	mm	mm
Cabling	Conductors cabled in concentric layers	0,25	8 x 0.200	1,20	0,28
Jacket	Polyvinylchloride (PVC) TM2				
Outer Diameter	5,00 +/- 0,10				
Color	Grey RAL 7001				

## Technical Data

Peak Operating Voltage (Not for power purposes)	Volt	250
Peak Operating Voltage	Volt	900
Inner Conductor Resistance	Ohm / km	77,00
Test Voltage	Volt (Ac)	2.500
Insulation Resistance	MOhm x km	> 200
Temperature Range	Fixed Installation	- 20 °C / + 70 °C
	Mobile Installation	- 5 °C / + 50 °C
Min. Bending Radius	Fixed Installation	10 x Diameter
	Mobile Installation	20 x Diameter

## Standards

Inner Conductor	EN 60228 Cl. 5
Insulation	EN 50363-3
Identification	DIN 47100
Jacket	EN 50363-4-1
Fire behaviour	Eca (according to EN 50575)

## International / European

## German

VDE 0295 Kl. 5
VDE 0207-363-3; DIN VDE 0207-4
DIN 47100
VDE 0207-363-4-1; DIN VDE 0207-5