

Technical data sheet · LÜTZE ELECTRONIC LiY (C)Y

PVC electronic cables · shielded



Identification	Type	(1x0,75)
	Part-No.	118300

Use/Area of application

Application	<ul style="list-style-type: none">• For trouble-free transmission in all areas of electronics, measuring, control and regulation technology• In low voltage switchgears and communications engineering• In dry and moist rooms• For flexible application for free movement and without tensile loading
Properties	<ul style="list-style-type: none">• PVC Flame-retardant, self-extinguishing• Very good shielding attenuation• Outer jacket special-PVC TI2 according to HD 21.1• Largely resistant to acids and bases• Free from paint wetting impairment substances (LABS-free), RoHS-compliant

Technical data

Operating capacitance	approx. 120 – 150 pF/m	
Rated voltage	500 V	
Test voltage	2000 V	
Insulation resistance	min. 20 MΩ × km	
Temperature range	moving	-5 °C to +70 °C
	fixed	-30 °C to +70 °C
Minimum bending radius	fixed	D × 6
	for free movement	D × 12
Fire performance	Flame-retardant according to VDE 0482 part 265-2; DIN EN 50265-2; IEC 60332-1	

07.12.2012 – Subject to technical modification

Part-No. 118300

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Number of strands/cross-section	(1×0.75)
Outer-∅	3.5 approx. mm
Weight	2.0 kg/100 m
Cu-Index	1.8 kg/100 m

Design

Conductor structure	Bare copper wire, multi-strand according to DIN VDE 0295 class 5, IEC 60228 class 5
Conductor insulation	Special PVC conductor insulation
Conductor labelling	Conductors colour-coded according to DIN 47100
Stranding	Conductors stranded layers, foil banding
Overall shield	Meshwork from tinned copper wire braid, optical covering ≥ 85 %
Outer jacket	Jacket special PVC TM2 according to HD21.1, matt, adhesion-free surface
Jacket colour	grey RAL 7001

General

Note	CE These products are in conformity with the EU Low Voltage Directive 2006/95/EC
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