

Technical data sheet · LÜTZE ELECTRONIC LiY (C)Y GREY

PVC electronic cables · shielded



Identification	Type	(3×0.5)
	Part-No.	118413

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 capabilities• Outer jacket special-PVC TI2 according to HD 21.1• Widely resistant to oils, greases, acids and bases• Free from paint wetting disruptive 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	Cable diameter × 6
Burning behaviour	Flame-retardant according to VDE 0482 T. 265-2-1; IEC 60332-1	
Number of strands/cross-section	(3×0,5)	

24.11.2007 – Subject to technical modification

Part-No. 118413

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Outer-Ø	5.6 approx. mm
Weight	6.5 kg/100 m
Cu-Index	3.5 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 $\geq 85\%$
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 to the EC Low Voltage Directive 73/23/EWG or 93/68/EWG respectively
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