

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

PVC electronic cables · shielded



<b>Identification</b>	Type	(40×0.75)
	Part-No.	110657

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

<b>Technical data</b>		
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	(40×0,75)	

05.11.2007 – Subject to technical modification

Part-No. 110657

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Outer-Ø	20.5 approx. mm
Weight	67.2 kg/100 m
Cu-Index	39.5 kg/100 m

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### 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

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### 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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