

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

## Shielded electronic cable, paired

PVC electronic cables · shielded



<b>Identification</b>	Type	LIY(C)Y TP(3×2×0,25)
	Part-No.	110619

### Use/Application/Characteristics

Application	<ul style="list-style-type: none"> <li>• For interference-free transmission in all areas of electronics, measuring, monitoring and control technology</li> <li>• In low voltage switchgear, communications engineering</li> <li>• In dry and damp rooms</li> <li>• For flexible use with free movement without tensile load</li> </ul>
Characteristics	<ul style="list-style-type: none"> <li>• PVC Flame-retardant, self-extinguishing</li> <li>• High active and passive interference resistance (EMC)</li> <li>• High crosstalk attenuation due to twisted pairs</li> <li>• Resistant to most oils, greases, acids and alkalis</li> <li>• Silicone free</li> <li>• RoHS-compliant</li> </ul>

### Construction

Description	ELETRONIC LiY (C) Y TP
Number of conductors/cross-section	(3×2×0.25)
Jacket material	Special PVC
Jacket color	grey RAL 7032
Outer Ø	7.1 mm
Surface	adhesion-free matt

27.01.2017 – Subject to technical modification

Part-No. 110619

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA  
 Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223  
 www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park  
 Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU  
 Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2  
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Weight	6.4 kg/100 m
Cu-Index	3.4 kg/100 m

### Element 1

Element construction	(3×2×0,25)
Conductor	CU-wire bare
Conductor category	IEC 60228, Class 5 Finely stranded DIN VDE 0295 DIN EN 13602
Conductor marking	Colour coded
Conductor marking standard	DIN 47100
Conductor insulation	Special PVC

### overall construction

Overall stranding	stranded pairs
Overall wrapping	Foil taping
Overall shield	Braid shield Tinned copper wires optical cover approx. 80%
Jacket characteristics	Flame-retardant self-extinguishing Oil resistant grease-resistant acid-resistant. alkali-resistant Silicone-free

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### Technical data

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Rated voltage $U_0/U$	300 V
Test voltage type	AC 1200 V
Temperature range moving	-5 °C ... +70 °C
Temperature range fixed	-30 °C ... +70 °C
Minimum bending radius moving	15×D
Minimum bending radius fixed	6×D

### Element 1

Element construction	(3×2×0,25)
Insulation resistance at 20°C	20.0 MΩ×km
Operating capacitance wire-shield	160 pF/m

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### Approvals/Standards

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Conformity	CE RoHS
Burning behavior	IEC 60332-1-2 DIN EN 60332-1-2 VDE 0482 322-1-2

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### General

Note CE These products are in conformity with the EU Low Voltage Directive 2014/35/EU

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### Symbols



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