

# Technical data sheet - LÜTZE ELECTRONIC (C) PLTC PVC with UL/CE/PTLC Approvals



**Flexible electronic cable - Shielded**

<b>Identification</b>	Type	LIY(C)Y (6×AWG20) UL/CE/PLTC
	Part-No.	A3132006

## Use/Application/Characteristics

Application	<ul style="list-style-type: none"> <li>• <b>Double shielded industrial grade PLTC</b> electronic cable for machine tools, process instrumentation and controls, computer peripherals, HVAC technology, assembly and production lines, low voltage interconnect and other industrial applications including <b>installation in cable trays</b></li> </ul>
Characteristics	<ul style="list-style-type: none"> <li>• Flexible for easy installation</li> <li>• Easy strip design</li> <li>• Color coded conductors</li> <li>• Specially formulated jacket for oil resistance</li> <li>• Premium durability</li> <li>• Extended temperature range</li> <li>• <b>UL listed</b> and <b>NFPA 79</b> compliant</li> </ul>

## Construction

Description	ELECTRONIC (C) PLTC PVC
Number of conductors/cross-section	6×AWG20
Jacket material	PVC
Jacket color	grey RAL 7001
Outer Ø	7.2 mm
Outer Ø	0.284 inches
Weight	64 Lbs/Mft

24.03.2017 – Subject to technical modification

Part-No. A3132006

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  
www.lutze.com • sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY

# Technical data sheet - LÜTZE ELECTRONIC (C) PLTC PVC with UL/CE/PTLC Approvals

---

Cu-Index	37 Lbs/Mft
<b>Element 1</b>	
Element construction	AWG20/6C
Conductor construction	AWG 20 (19/32)
Conductor	AWG conductor CU-wire tin-plated
Conductor category	feindrähtig
Conductor marking	black red white green orange blue
Conductor insulation	SR-PVC
<b>overall construction</b>	
Drain wire	CU-wire tin-plated
Overall shield	Aluminium laminate Foil shield Braid shield Tinned copper wires
Jacket characteristics	Flame-retardant Oil resistant Silicone-free

---

## Technical data

Rated voltage UL	300 V
Temperature range fixed	-25 °C ... +105 °C
Minimum bending radius fixed	6xD

---

## Element 1

Element construction	AWG20/6C
----------------------	----------

---

## Approvals/Standards

Approvals	cULus PLTC UL Type CM cURus AWM II A/B NEC 725, 760, 800 Class 1 Div. 2 (PLTC use only)
UL style	AWM 2464

---

24.03.2017 – Subject to technical modification

Part-No. A3132006

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  
www.lutze.com • sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY

# Technical data sheet - LÜTZE ELECTRONIC (C) PLTC PVC with UL/CE/PTLC Approvals

---

Conformity	CE REACH RoHS
Burning behavior according to	UL VW-1 UL FT4
Oil resistant according to	Oil Res II

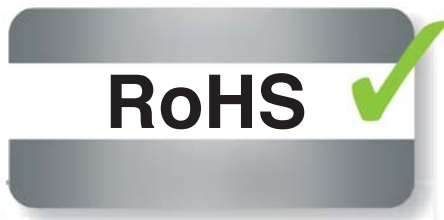
---

## General

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

---

## Symbols



24.03.2017 – Subject to technical modification

Part-No. A3132006

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  
www.lutze.com • sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY