

Technical data sheet

Flexible Electronic Cable (C) TP PLTC PVC · Shielded

LUTZE ELECTRONIC (C) TP PLTC PVC

For Stationary Applications



Identification

Type LiY(C)Y TP PLTC PVC (2×2×AWG22)
Part No. [A3142204](#)

Product version

Datasheet version 00

Use/Application/Properties

- | | |
|-------------|---|
| Application | <ul style="list-style-type: none">• Multi-conductor industrial grade PLTC electronic cable• Machine tools, machine and plant construction, VAC technology as well as other uses.• Compliant with NFPA 79 requirements• PLTC for installation in cable trays |
| Properties | <ul style="list-style-type: none">• Flexible for easy installation• Easy strip design• Color coded conductors• Specially formulated jacket for oil resistance• Premium durability• Extended temperature range• Sunlight resistant• Gas/vapor-tight sheath per UL 1277 and 13• Talc free and silicone free |

Construction

Description	ELECTRONIC (C) PLTC PVC TP
Number of conductors/cross-section	2×2×AWG22
Number of conductors	4
Cross-section, metric	0.34 mm ²
Cross-section AWG	AWG 22
Jacket material	PVC
Jacket color	grey RAL 7001
Outer Ø	6.6 mm

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0
www.lutze.com • sales.gb@lutze.co.uk

Germany: Friedrich Lütze GmbH

Postfach 12 24 (PLZ 71366) • Bruckwiesenstraße 17-19 • D-71384 Weinstadt
Tel. +49 (0)7151 6053-0
www.luetze.de • info@luetze.de

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Outer Ø	0.261 inch
Weight	42 Lbs/Mft
Cu-Index	21 Lbs/Mft

Construction Element 1

Element construction	AWG22/2TP
Conductor construction	AWG 22 (19/34)
Conductor	AWG conductor CU-wire tin-plated
Conductor category	Fine wire
Conductor marking	white • black • white • brown
Conductor insulation	SR-PVC
Stranding	Conductors stranded in pairs

Overall construction

Drain wire	CU-wire tin-plated
Overall shield	Aluminium-laminated film shield Braid shield Tinned copper wires
Jacket characteristics	Flame-retardant Oil resistant Silicone free

Technical data

Rated voltage UL	300 V
Temperature range fixed	-40 °C ... +105 °C
Minimum bending radius fixed	4×D

Technical Data Element 1

Element construction	AWG22/2TP
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Certifications/Standards

Certifications	PLTC UL Type CM AWM II A/B Meets NEC 392, 800 NEC 725 Class I and II, Div. 2 and Class I Zone 2 per NEC 501, 502, 505 (PLTC use only)
UL style	AWM 2464
Conformity	CE RoHS REACH TSCA
Burning behavior according to	UL VW-1 UL FT4

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Oil resistant according to

Oil Res II

General

Note

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