

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



PVC electronic cables · stranded pairs, shielded

Identification	Type	(30×2×0.14)
	Part-No.	118165

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 office machines and computers• 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 attenuation• High crosstalk attenuation through paired stranding• 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	300 V	
Test voltage	1200 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	

24.11.2007 – Subject to technical modification

Part-No. 118165

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Number of strands/cross-section	(30×2×0,14)
Outer-Ø	13.2 approx. mm
Weight	27.9 kg/100 m
Cu-Index	14.3 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 pairs, foil banding
Overall shield	Meshwork from tinned copper wire braid, optical covering ≥ 85 %
Outer jacket	Jacket special PVC TM2 according to HD21.1, matt, adhesion-free surface
Jacket colour	grey RAL 7032

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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