

U.I. Lapp GmbH	PRODUCT INFORMATION	
	Li2YCY	07.11.2014

Low-capacitance, screened wiring single-core with PVC-based outer sheath
Prevention of electromagnetic interference to other components



Interference signals

Application range

Wiring of measuring instruments, switch cabinets, electrical components, transmitters and receivers
In EMC-sensitive environments

Product Make-up

Strands of tinned-copper wires
Core insulation: PE
Wrapped screening made from tinned copper wire
PVC-based outer sheath, transparent

Norm references / Approvals

Based on VDE 0812

Product features

Flame-retardant according IEC 60332-1-2
Low cable capacitance, short signal transmission time
The outer diameters stated in the part number table are maximum values.

Remark

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges. Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths Packaging size: Coil
Photographs are not to scale and do not represent detailed images of the respective products.

Technical Data

Peak operating voltage:	350 V (not for power transmission)
Classification:	ETIM 5.0 Class-ID: EC000993 ETIM 5.0 Class-Description: Single core cable
Test voltage:	1200 V
Temperature range:	Occasional flexing: -5°C to +70°C Fixed installation: -30°C to +80°C

Product Management	Document: LAPP_PRO182EN.pdf	1 / 2
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Part number	Conductor cross-section (mm²)	Number of wires x wire-Ø (mm)	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
4550115	0,14	18 x 0,1	2.3	7.0	10
4550116	0,25	14 x 0,15	2.5	9.0	15
4550117	0,5	16 x 0,2	3.1	15.0	19.5
4550118	0,75	24 x 0,2	3.3	18.0	28
4550119	1	32 x 0,2	3.7	25.0	30