

LiYCY

Screened, PVC-based wiring single core

LiYCY, screened PVC single core acc. VDE 0812, use in switch cabinets and EMC-sensitive environments



Interference signals

Benefits

Prevention of electromagnetic interference to other components

Application range

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

Product features

Flame-retardant according IEC 60332-1-2
The outer diameters stated in the part number table are maximum values

Norm references / Approvals

Based on VDE 0812

Product Make-up

Strands of tinned-copper wires
Core insulation: Based on PVC
Tinned-copper braiding
Outer sheath: Based on PVC, transparent

Technical Data

Classification ETIM 5:

ETIM 5.0 Class-ID: EC000993

ETIM 5.0 Class-Description: Single core cable

Last Update (12.02.2025)

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

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Classification ETIM 6:	ETIM 6.0 Class-ID: EC000993 ETIM 6.0 Class-Description: Single core cable
Peak operating voltage:	350 V (not for power transmission)
Test voltage:	800 V
Temperature range:	Occasional flexing: -5 °C to +70 °C Fixed installation: -30 °C to +80 °C

Note

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

* Trade product, no Lapp product

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

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Article number	Conductor cross-section (mm ²)	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
4530101	0.14	2.8	7	13
4530102	0.25	3.3	9	18
4530103	0.5	3.6	15	20
4530104	0.75	3.9	18	31
4530105	1	4.7	25	35.9
4530106	1.5	5.1	30	39
4530107	2.5	6	35	55.3

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