

LiFY 1 kV

Flexible at cold temperatures, Class 6 single conductor for devices or measurements

LiFY 1 kV, power and control cable, PVC special single core, extra-finely stranded/extremely flexible measuring cable, thicker insulation wall/ protected up to 1 kV, max. +70 °C

Info

Extremely flexible / Extra-finely stranded



Benefits

Very soft PVC insulation that is flexible at low temperatures

Application range

For use in and on mobile equipment

The 1000 V version with thick insulation wall is ideal for many measuring instruments such as multimeters.

For measuring assemblies in technical training sessions, education and electric laboratories

Norm references / Approvals

Based on VDE 0812 and VDE 0250-1

Product Make-up

Stranded copper wire

Core insulation: Based on PVC

Technical Data

Classification ETIM 5:

ETIM 5.0 Class-ID: EC000993

ETIM 5.0 Class-Description: Single core cable

Classification ETIM 6:

ETIM 6.0 Class-ID: EC000993

ETIM 6.0 Class-Description: Single core cable

Conductor stranding:

Extra-finely stranded IEC conductor class 6: 0.07 mm

Nominal voltage:

LiFY measurement cores:

Last Update (28.01.2026)

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

PN 0456 / 02_03.16

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U: 1000 VAC

Temperature range:

Flexible use: -15°C to +70°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.

* 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]	Core colour	Copper index (kg/km)	PU
4560011S	0.75	4	black	7.2	50
4560021S	0.75	4	blue	7.2	50
4560041S	0.75	4	red	7.2	50
4560012S	1.5	4	black	14.4	50
4560022S	1.5	4	blue	14.4	50
4560042S	1.5	4	red	14.4	50

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