



LIFY 1 kV

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



Info

- Extremely flexible / Super-finiest 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 0682/ 0683 and DIN 46438/ 46440

Product make-up

- Stranded copper wire
- Core insulation: Based on PVC

Technical data

Classification
 ETIM 5.0 Class-ID: EC000993
 ETIM 5.0 Class-Description: Single core cable

Specific insulation resistance
 > 20 GOhm x cm

Conductor stranding
 Extra-finely stranded IEC conductor class 6: 0.07 mm

Nominal voltage
 LiFY measurement cores:
 U: 1000 VAC

Temperature range
 Flexible use: -15°C to +70°C

Conductor cross-section (mm ²)	Outer diameter (mm)	Copper index (kg/km)	PU	black	blue	red
0.75	4.0	7.2	50	4560011S	4560021S	4560041S
1.5	4.0	14.4	50	4560012S	4560022S	4560042S

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
 Copper price basis: EUR 150/100kg. Refer to catalogue appendix T 17 for the definition and calculation of copper-related surcharges.
 Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

- DIN-assorted boxes conductor end sleeves refer to page 917
- PEW 8.87 crimping pliers refer to page 921
- KS 15 cable shears refer to page 908