



LiFY

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

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
- 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 5/6**
ETIM 5.0/6.0 Class-ID: EC000993
ETIM 5.0/6.0 Class-Description: Single core cable
- Conductor stranding**
Extra-finely stranded IEC conductor class 6: 0.07 mm
- Nominal voltage**
Highly flexible LiFY cores:
up to 1.0 mm²: U0/U: 300/500 V,
from 1.5 mm²: U0/U: 450/750 V
- Temperature range**
Flexible use: -15°C to +70°C

| Conductor cross-section (mm ²) | Outer diameter [mm] | Copper index (kg/km) | PU | black | blue | green/yellow | red |
|--|---------------------|----------------------|-----|----------|----------|--------------|----------|
| 0.75 | 2.5 | 7.2 | 100 | 4560013S | 4560014S | 4560017S | 4560016S |
| 1 | 2.9 | 9.6 | 100 | 4560023S | 4560024S | 4560027S | 4560026S |
| 1.5 | 3.7 | 14.4 | 100 | 4560033S | 4560034S | 4560037S | 4560036S |
| 2.5 | 4.2 | 24 | 50 | 4560053S | 4560054S | 4560057S | 4560056S |
| 4 | 5.1 | 38.4 | 50 | 4560063 | 4560064 | 4560067 | |
| 6 | 6.0 | 57.6 | 50 | 4560073 | 4560074 | 4560077 | 4560076 |
| 10 | 7.4 | 96 | 50 | 4560083 | | 4560087 | 4560086 |

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

Accessories

- Cable shears with double edge refer to page 980
- DIN-assorted boxes conductor end sleeves refer to page 995
- PEW 8.87 crimping pliers refer to page 1000