

Special applications

Special single cores







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



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

Product make-up

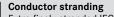
- Stranded copper wire
- · Core insulation: Based on PVC

■ Technical data



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





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 (mm²) | 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 | 24.0 | 50 | 4560053S | 4560054S | 4560057S | 4560056S |
| 4 | 5.1 | 38.4 | 100 | 4560063 | 4560064 | 4560067 | |
| 6 | 6.0 | 57.6 | 50 | 4560073 | 4560074 | 4560077 | 4560076 |
| 10 | 7.4 | 96.0 | 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 150/100kg. Refer to catalogue appendix T17 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