



## LiFY

DB 4560013S  
valid from: 13.03.2013

## Application

LiFY cables are high-flexible single cores with cold flexible PVC insulation. They are at room temperature widely resistant to certain oils and several chemicals.

Application range:

For use in and on mobile equipment; for use in measuring systems in laboratories, pilot plants and institutes acc. to VDE 0682, VDE 0683 und DIN 46438, DIN 46440.

## Design

Design	based on VDE 0812 and VDE 0250-1.
Conductor	superfine wire strands of bare copper: 0,07 mm acc. to IEC 60228 resp. VDE 0295
Core insulation	cold flexible PVC-based insulation different colours

## Electrical properties

Nominal voltage $U_0/U$	up to 1 mm <sup>2</sup> :	300/500 V
	starting at 1,5 mm <sup>2</sup> :	450/750 V
Test voltage	3000 V AC	

## Mechanical and thermal properties

Min. bending radius	flexing:	10 x cable Ø
Temperature range	flexing:	-15 °C up to +70 °C max. conductor temp.
	fixed installation:	-30 °C up to +70 °C max. conductor temp.
EC-Directives	These cables are conform to the EC-Directives 2006/95/EC (Low Voltage Directive) and 2011/65/EU (RoHS, Restriction of the use of certain hazardous substances).	