

# LiFY single core

LiFY single cores for measurement purposes, highly flexible LiFY single cores

Highly flexible



## Application

For use as highly flexible single cores in combination with highly flexible insulating tubes, also for use in/on mobile equipments. Especially the 1000 V version with larger insulation thickness is the best data line for many measuring instruments, such as multimeters etc. This version is especially for use as connecting cable on portable measuring assemblies in the

field of technical education, training and in electrical laboratories.

## Special Feature

Both versions are due to the high flexible and superfine copper wires combined with a special soft, cold-flexible PVC Insulation still flexible at temperatures down to -15°C.

## Note

The product is conform to EEC directive 73/23 (Low Voltage Directive) CE. Other colours are available on request or ready-made. Further single cores please see to Cables for Fixed Installation.

## Cable Make-up

Superfine stranded conductors of plain copper wire, PVC-based insulation, cold flexible, unicoloured.

## Technical Data

Temperature range: flexing: -15 °C up to +70 °C

Conductor stranding: super fine wire: 0,07 mm acc. to VDE 0295

Core ident code: 3 = black, 4 = blue, 6 = red, 7 = green/yellow

Nominal voltage U0/U: LiFY cores: 1000 V  
Highly flexible LiFY single cores: up to 1,0 mm<sup>2</sup>: 500 V  
Highly flexible LiFY single cores: from 1,5 mm<sup>2</sup>: 750 V

Insulation: specific insulation resistance: > 20 Gohm x cm

Test voltage: 3000 V

Part number	Conductor cross section in mm <sup>2</sup>	Cores colour	m/coil	Approx. outside diameter in mm	Approx. weight kg/km
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### LiFY-single cores for measurement purpose

4560 011 S	0,75	black	50	4,0	7,5
4560 021 S	0,75	blue	50	4,0	7,5
4560 041 S	0,75	red	50	4,0	7,5
4560 012 S	1,5	black	50	4,0	15,0
4560 022 S	1,5	blue	50	4,0	15,0
4560 042 S	1,5	red	50	4,0	15,0

### Highly flexible LiFY single cores

4560 01 . S	0,75	see footnote	100	2,5	7,5
4560 02 . S	1,0	see footnote	100	2,9	10,0
4560 03 . S	1,5	see footnote	100	3,7	15,0
4560 05 . S	2,5	see footnote	50	4,2	25,0
4560 06 . S, R	4,0	see footnote	50	5,1	40,0
4560 07 .	6,0	see footnote	50	6,0	63,0
4560 08 .	10,0	see footnote	50	7,4	105,0

Please add the particular colour code number to the part number: 3= black, 4= blue, 6= red, 7= green/yellow  
No cutting charge for standard stock units (50, 100, 250, 500, 1000 m).  
Please declare us your desired design (e.g. 1 x 500 m drum or 5 x 100 rings).  
Rings < 30 kg, beyond automatically drums.