


U.I. Lapp GmbH	<b>PRODUCT INFORMATION</b>	
	<b>LIFY</b>	<b>14.11.2013</b>

Flexible at cold temperatures, Class 6 single conductor for devices or measurements  
 Very soft PVC insulation that is flexible at low temperatures



### Info

Extremely flexible / Super-finest stranded

### Application range

For use in and on mobile equipment

For measuring assemblies in technical training sessions, education and electric laboratories

### Design

Stranded copper wire

Core insulation: Based on PVC

### Norm references / Approvals

Based on VDE 0682/ 0683 and DIN 46438/ 46440

### Remark

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.

### 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:	Highly flexible LiFY cores: up to 1.0 mm <sup>2</sup> : U <sub>0</sub> /U: 300/500 V, from 1.5 mm <sup>2</sup> : U <sub>0</sub> /U: 450/750 V
Temperature range:	Flexible use: -15°C to +70°C


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Part number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter (mm)	Core colour	Copper index (kg/km)	PU
4560017S	0,75	2,5	green/yellow	7.2	100
4560013S	0,75	2,5	black	7.2	100
4560014S	0,75	2,5	blue	7.2	100
4560016S	0,75	2,5	red	7.2	100
4560027S	1	2,9	green/yellow	9.6	100
4560023S	1	2,9	black	9.6	100
4560024S	1	2,9	blue	9.6	100
4560026S	1	2,9	red	9.6	100
4560037S	1,5	3,7	green/yellow	14.4	100
4560033S	1,5	3,7	black	14.4	100
4560034S	1,5	3,7	blue	14.4	100
4560036S	1,5	3,7	red	14.4	100
4560057S	2,5	4,2	green/yellow	24.0	50
4560053S	2,5	4,2	black	24.0	50
4560054S	2,5	4,2	blue	24.0	50
4560056S	2,5	4,2	red	24.0	50
4560063	4	5,1	black	38.4	100
4560067	4	5,1	green/yellow	38.4	100
4560064	4	5,1	blue	38.4	100
4560077	6	6,0	green/yellow	57.6	50
4560073	6	6,0	black	57.6	50
4560074	6	6,0	blue	57.6	50
4560076	6	6,0	red	57.6	50
4560087	10	7,4	green/yellow	96.0	50
4560083	10	7,4	black	107.5	50
4560086	10	7,4	red	96.0	50

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