



**Technical data**

- PVC single cores to DIN VDE 0812 LiY (tinned)
- **Temperature range**
  - flexing - 5°C to +70°C
  - fixed installation -30°C to +80°C
- **Operating peak voltage**
  - LiY (tinned) 0,14 mm<sup>2</sup> = 500 V
  - 0,25 - 1,50 mm<sup>2</sup> = 900 V
- **Test voltage**
  - LiY (tinned) 0,14 mm<sup>2</sup> = 1200 V
  - 0,25 - 1,50 mm<sup>2</sup> = 2500 V
- **Insulation resistance**  
min. 10 MOhm x km
- **Minimum bending radius**  
12,5 x cable Ø
- **Radiation resistance**  
up to 80x10<sup>6</sup> cJ/kg (up to 80 Mrad)

**Cable structure**

- Tinned copper fine wire stranded to DIN VDE 0295 cl. 5, HD 383 and IEC 60228 cl. 5
- PVC core insulation, compound Y13 to DIN VDE 0812
- Core colours see below
- PVC self-extinguishing and flame retardant, test method B according to VDE 0472 part 804 and IEC 60332-1
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

**Application**

LiY to DIN VDE 0812, flexible hook-up wire of PVC. PVC insulated flexible hook-up wires are used for the connection for low voltage applications, communication apparatus, electronic assemblies and equipment, racks, switchboards etc. correspondingly of VDE 0800 part 1 for the temperature range up to +70°C. Those stranded hook-up wires are not permitted to install for heavy current application outside of the equipment.



CE = The product is conformed with the EC Low-Voltage Directive 73/23/EEC and 93/68/EEC.

Type Cross-sec. mm <sup>2</sup>	max-Ø mm	Cop. weight kg / km	black	gn-ye	blue	brown	red	white	grey	violet	green	pink	green	trans.	dk-blue	orange	o.col.	twin tone**
approx. RAL			9005	6018/ 1021	5015	8003	3000	1013	7000	4005	1021	3015	6018	-	5010	2003	-	-



Coil in cardboard (100 m)

**Packing**

LiY/mm <sup>2</sup>	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
0,14	29001	29002	29003	29004	29005	29006	29007	29008	29009	29010	29011	29012	29013	29014	29015	29016		
0,25	29017	29018	29019	29020	29021	29022	29023	29024	29025	29026	29027	29028	29029	29030	29031	29032		
0,5	29033	29034	29035	29036	29037	29038	29039	29040	29041	29042	29043	29044	29045	29046	29047	29048		
0,75	29049	29050	29051	29052	29053	29054	29055	29056	29057	29058	29059	29060	29061	29062	29063	29064		
1	29065	29066	29067	29068	29069	29070	29071	29072	29073	29074	29075	29076	29077	29078	29079	29080		
1,5	28985	28986	28987	28988	28989	28990	28991	28992	28993	28994	28995	28996	28997	28998	28999	29000		



Spool (with different capacity)

**Packing**

LiY/mm <sup>2</sup>	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
0,14	26405	26406	26407	26408	26409	26410	26411	26412	26413	26414	26415	26416	26417	26418	26419	26420		
0,25	26421	26422	26423	26424	26425	26426	26427	26428	26429	26430	26431	26432	26433	26434	26435	26436		
0,5	26437	26438	26439	26440	26441	26442	26443	26444	26445	26446	26447	26448	26449	26450	26451	26452		
0,75	26453	26454	26455	26456	26457	26458	26459	26460	26461	26462	26463	26464	26465	26466	26467	26468		
1	26469	26470	26471	26472	26473	26474	26475	26476	26477	26478	26479	26480	26481	26482	26483	26484		
1,5	26485	26486	26487	26488	26489	26490	26491	26492	26493	26494	26495	26496	26497	26498	26499	26500		

**\*\*\*) Note**

AWG equivalent values – see page T 15.

Heat resistant versions see types HELUTHERM®. Colours available on request.

PVC cables will be changed to lead free PVC successively.

Continuation ►



**Technical data**

- PVC single cores to DIN VDE 0812 LiY (tinned)
- **Temperature range**
  - flexing - 5°C to +70°C
  - fixed installation -30°C to +80°C
- **Operating peak voltage**
  - LiY (tinned) 0,14 mm<sup>2</sup> = 500 V
  - 0,25 – 1,50 mm<sup>2</sup> = 900 V
- **Test voltage**
  - LiY (tinned) 0,14 mm<sup>2</sup> = 1200 V
  - 0,25 – 1,50 mm<sup>2</sup> = 2500 V
- **Insulation resistance**  
min. 10 MOhm x km
- **Minimum bending radius**  
12,5 x cable Ø
- **Radiation resistance**  
up to 80x10<sup>6</sup> cJ/kg (up to 80 Mrad)

**Cable structure**

- Tinned copper fine wire stranded to DIN VDE 0295 cl. 5, HD 383 and IEC 60228 cl. 5
- PVC core insulation, compound Y13 to DIN VDE 0812
- Core colours see below
- PVC self-extinguishing and flame retardant, test method B according to VDE 0472 part 804 and IEC 60332-1
  
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

**Application**

LiY to DIN VDE 0812, flexible hook-up wire of PVC. PVC insulated flexible hook-up wires are used for the connection for low voltage applications, communication apparatus, electronic assemblies and equipment, racks, switchboards etc. correspondingly of VDE 0800 part 1 for the temperature range up to +70°C. Those stranded hook-up wires are not permitted to install for heavy current application outside of the equipment.

CE = The product is conformed with the EC Low-Voltage Directive 73/23/EEC and 93/68/EEC.

Type	max- Ø	Cop. weight																
Cross- sec. mm <sup>2</sup>	mm	kg/km	black	gn-ye	blue	brown	red	white	grey	violet	yellow	pink	green	trans.	dk-blue	orange	o.col.	twin tone
approx.			9005	6018/ 1021	5015	8003	3000	1013	7000	4005	1021	3015	6018	-	5010	2003	-	-
<b>RAL</b>																		



Barrel (with different capacity – see page D 8)

Packing			Barrel (with different capacity – see page D 8)															
LiY/mm <sup>2</sup>																		
Part No.			26505	26506	26507	26508	26509	26510	26511	26512	26513	26514	26515	26516	26517	26518	26519	26520
0,25	1,4	2,4																
Part No.			26521	26522	26523	26524	26525	26526	26527	26528	26529	26530	26531	26532	26533	26534	26535	26536
0,5	1,95	4,8																
Part No.			26537	26538	26539	26540	26541	26542	26543	26544	26545	26546	26547	26548	26549	26550	26551	26552
0,75	2,15	7,2																
Part No.			26553	26554	26555	26556	26557	26558	26559	26560	26561	26562	26563	26564	26565	26566	26567	26568
1	2,25	9,6																
Part No.			26569	26570	26571	26572	26573	26574	26575	26576	26577	26578	26579	26580	26581	26582	26583	26584
1,5	2,75	14,4																

**Note**  
AWG equivalent values – see page T 15.

Heat resistant versions see types HELUTHERM®. Colours available on request.

PVC cables will be changed to lead free PVC successively.