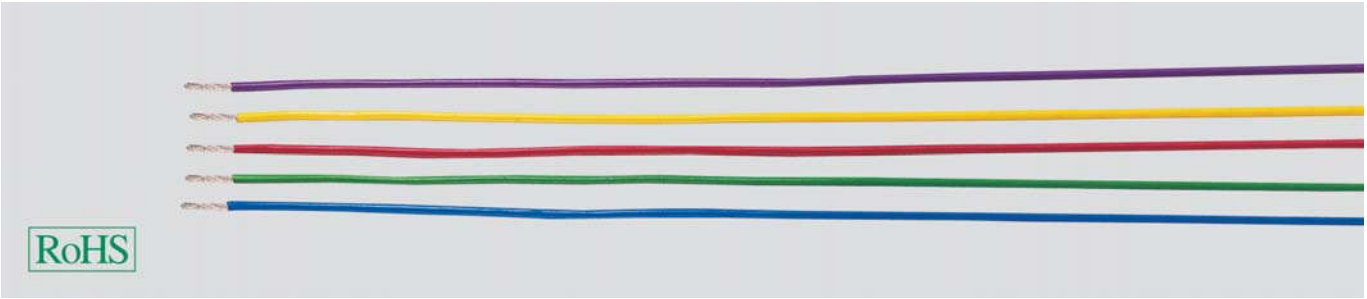
LiY PVC-Single Cores, fine wire stranded, tinned



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 mm² 500 V
  0,25-1,50 mm² 900 V
- **Test voltage**
  LiY (tinned)
  0,14 mm² 1200 V
  0,25-1,50 mm² 2500 V
- **Insulation resistance**
  min. 10 MOhm x km
- **Minimum bending radius**
  12,5x cable Ø
- **Radiation resistance**
  up to 80x10⁶ cJ/kg (up to 80 Mrad)

Cable construction

- Tinned copper fine wire stranded to DIN VDE 0295 cl. 5, BS 6360 cl. 5, HD 383 and IEC 60228 cl. 5
- PVC core insulation, compound YI3 to DIN VDE 0812
- Core colours see below

Properties

- PVC self-extinguishing and flame retardant according to DIN VDE 0482 part 265-2-1/ EN 50265-2-1/ IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

Note

- For two-coloured combinations ring marking.

D

Application

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.

Cross-section mm²	Outer ø max. mm	Cop. weight kg / km	black	gn-ye	blue	brown	red	white	grey	vio	ye	pink	green	trans	dk-bu	og	o.col.	2-col.
ca. RAL			9005	6018	5015	8003	3000	1031	7000	4005	1021	3015	6018	-	5010	2003	-	-



Packing — **Coil in cardboard (100m)**

Part No. 0,14	1.2	1.4	29001	29002	29003	29004	29005	29006	29007	29008	29009	29010	29011	29012	29013	29014	29015	29016
Part No. 0,25	1.4	2.4	29017	29018	29019	29020	29021	29022	29023	29024	29025	29026	29027	29028	29029	29030	29031	29032
Part No. 0,5	1.95	4.8	29033	29034	29035	29036	29037	29038	29039	29040	29041	29042	29043	29044	29045	29046	29047	29048
Part No. 0,75	2.15	7.2	29049	29050	29051	29052	29053	29054	29055	29056	29057	29058	29059	29060	29061	29062	29063	29064
Part No. 1	2.25	9.6	29065	29066	29067	29068	29069	29070	29071	29072	29073	29074	29075	29076	29077	29078	29079	29080
Part No. 1,5	2.75	14.4	28985	28986	28987	28988	28989	28990	28991	28992	28993	28994	28995	28996	28997	28998	28999	29000



Packing — **Spool (with various capacity)**

Part No. 0,14	1.2	1.4	26405	26406	26407	26408	26409	26410	26411	26412	26413	26414	26415	26416	26417	26418	26419	26420
Part No. 0,25	1.4	2.4	26421	26422	26423	26424	26425	26426	26427	26428	26429	26430	26431	26432	26433	26434	26435	26436
Part No. 0,5	1.95	4.8	26437	26438	26439	26440	26441	26442	26443	26444	26445	26446	26447	26448	26449	26450	26451	26452
Part No. 0,75	2.15	7.2	26453	26454	26455	26456	26457	26458	26459	26460	26461	26462	26463	26464	26465	26466	26467	26468
Part No. 1	2.25	9.6	26469	26470	26471	26472	26473	26474	26475	26476	26477	26478	26479	26480	26481	26482	26483	26484
Part No. 1,5	2.75	14.4	26485	26486	26487	26488	26489	26490	26491	26492	26493	26494	26495	26496	26497	26498	26499	26500

Dimensions and specifications may be changed without prior notice.

Continuation ►

LiY PVC-Single Cores, fine wire stranded, tinned

Cross-section mm²	Outer ø max. mm	Cop. weight kg / km	black	gn-ye	blue	brown	red	white	grey	vio	ye	pink	green	trans	dk-bu	og	o.col.	2-col.
ca. RAL			9005	6018	5015	8003	3000	1031	7000	4005	1021	3015	6018	-	5010	2003	-	-
Packing			Barrel (with various capacity)															
Part No. 0,25	1.4	2.4	26505	26506	26507	26508	26509	26510	26511	26512	26513	26514	26515	26516	26517	26518	26519	26520
Part No. 0,5	1.95	4.8	26521	26522	26523	26524	26525	26526	26527	26528	26529	26530	26531	26532	26533	26534	26535	26536
Part No. 0,75	2.15	7.2	26537	26538	26539	26540	26541	26542	26543	26544	26545	26546	26547	26548	26549	26550	26551	26552
Part No. 1	2.25	9.6	26553	26554	26555	26556	26557	26558	26559	26560	26561	26562	26563	26564	26565	26566	26567	26568
Part No. 1,5	2.75	14.4	26569	26570	26571	26572	26573	26574	26575	26576	26577	26578	26579	26580	26581	26582	26583	26584

Dimensions and specifications may be changed without prior notice.