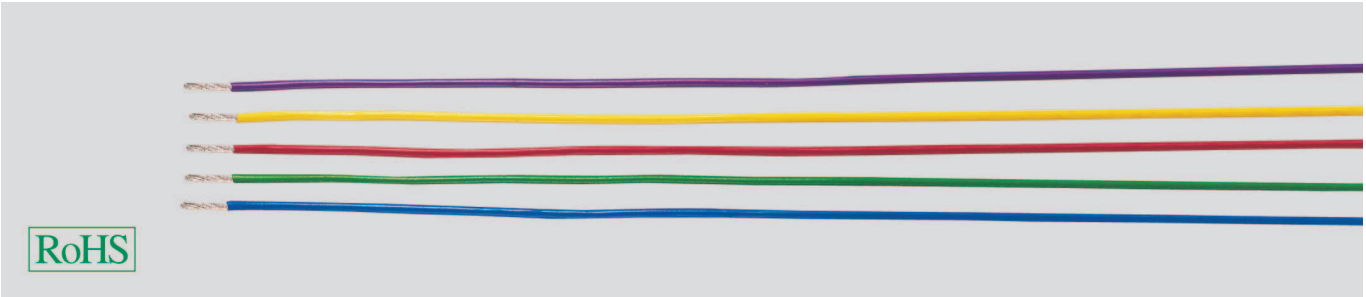
LiYv PVC-Single Cores, fine wire stranded, tinned



Technical data

- PVC single cores adapted to DIN VDE 0812
- **Temperature range**
  flexing -5°C to +70°C
  fixed installation -30°C to +80°C
- **Operating peak voltage**
  0,14 mm² = 500 V
  0,25-1,5 mm² = 900 V
- **Test voltage**
  0,14 mm² = 1200 V
  0,25-1,5 mm² = 2500 V
- **Insulation resistance**
  min. 10 MOhm x km
- **Minimum bending radius**
  fixed installation 4x core Ø
- **Radiation resistance**
  up to 80x10⁶ cJ/kg (up to 80 Mrad)

Cable structure

- Tinned copper-conductor, to DIN VDE 0295 cl.5, fine-wire, BS 6360 cl.5, IEC 60228 cl.5
- Core insulation of PVC compound type YI3 to DIN VDE 0812
- Core identification see table below

Properties

- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

Tests

- PVC self-extinguishing and flame retardant acc. to DIN VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)

Note

- For 2-coloured combinations ring marking.

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 2006/95/EC.

LiYv

Cross-sec. mm²	Outer Ø app. mm	Cop. weight kg / km	BK	GN-YE	BU	BN	RD	WH	GY	VT	YE	PK	GN	TRANS	D-BU	OG	o.col.	2-col.
app. RAL			9005	-	5015	8003	3000	9003	7000	4005	1021	3015	6018	-	5010	2003	-	-

Packing — **Spool (standard 100m capacity)**

LiYv spool																		
Part no. 0,14	1,1	1,4	26405	26406	26407	26408	26409	26410	26411	26412	26413	26414	26415	26416	26417	26418	26419	26420
Part no. 0,25	1,3	2,4	26421	26422	26423	26424	26425	26426	26427	26428	26429	26430	26431	26432	26433	26434	26435	26436
Part no. 0,5	1,8	4,8	26437	26438	26439	26440	26441	26442	26443	26444	26445	26446	26447	26448	26449	26450	26451	26452
Part no. 0,75	2,0	7,2	26453	26454	26455	26456	26457	26458	26459	26460	26461	26462	26463	26464	26465	26466	26467	26468
Part no. 1	2,1	9,6	26469	26470	26471	26472	26473	26474	26475	26476	26477	26478	26479	26480	26481	26482	26483	26484
Part no. 1,5	2,6	14,4	26485	26486	26487	26488	26489	26490	26491	26492	26493	26494	26495	26496	26497	26498	26499	26500

Continuation ▸

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app. RAL			9005	-	5015	8003	3000	9003	7000	4005	1021	3015	6018	-	5010	2003	-	-

Packing **Barrel (with various capacity)**

LiYv barrel																		
Part no. 0,25	1,3	2,4	26505	26506	26507	26508	26509	26510	26511	26512	26513	26514	26515	26516	26517	26518	26519	26520
Part no. 0,5	1,8	4,8	26521	26522	26523	26524	26525	26526	26527	26528	26529	26530	26531	26532	26533	26534	26535	26536
Part no. 0,75	2,0	7,2	26537	26538	26539	26540	26541	26542	26543	26544	26545	26546	26547	26548	26549	26550	26551	26552
Part no. 1	2,1	9,6	26553	26554	26555	26556	26557	26558	26559	26560	26561	26562	26563	26564	26565	26566	26567	26568
Part no. 1,5	2,6	14,4	26569	26570	26571	26572	26573	26574	26575	26576	26577	26578	26579	26580	26581	26582	26583	26584

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