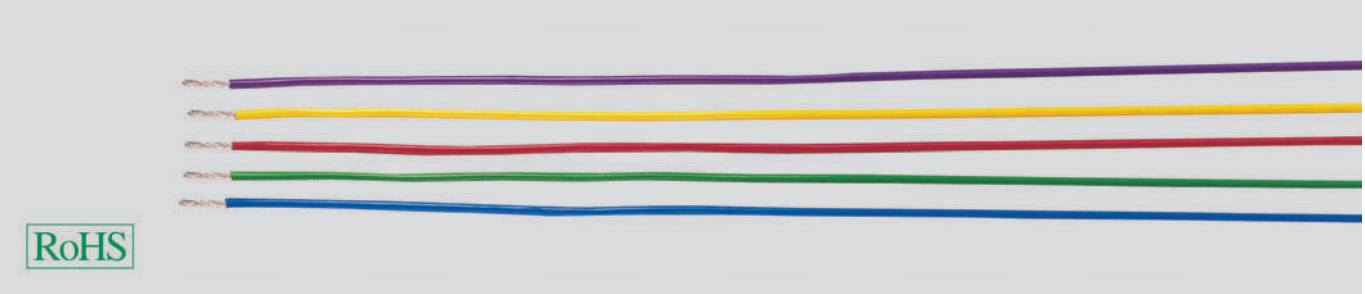
LiYv PVC-Single Cores, fine wire stranded, tinned



Technical data

- PVC single cores to DIN VDE 0812 LiYv (tinned)
- **Temperature range**
  flexing -5 °C to +70 °C
  fixed installation -30 °C to +80 °C
- **Operating peak voltage**
  LiYv (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 structure

- 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 VDE 0482-332-1-2, DIN EN 60332-1-2/ 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.

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/EG.

LiYv / mm²

Cross-section mm²	Outer Ø 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.
approx. RAL			9005	-	5015	8003	3000	9003	7000	4005	1021	3015	6018	-	5010	2003	-	-



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

LiY																		
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 ▸