

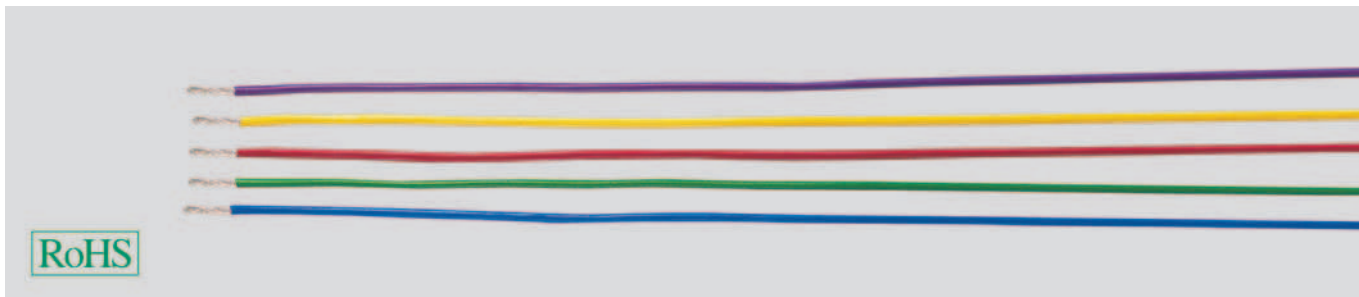


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EN: This Datasheet is presented by the manufacturer.

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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 MΩm 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 Y13 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.

☑ The product is conformed with the EC Low-Voltage Directive 2006/95/EG.

LiYv / mm²

| Cross-section mm ² | 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. | Outer Ø | Cop. weight | black | gn-ye | blue | brown | red | white | grey | vio | ye | pink | green | trans | dk-bu | og | o.col. | 2-col. |
|------|----------|---------|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| 0,14 | 1,1 | 1,4 | 26405 | 26406 | 26407 | 26408 | 26409 | 26410 | 26411 | 26412 | 26413 | 26414 | 26415 | 26416 | 26417 | 26418 | 26419 | 26420 | |
| 0,25 | 1,3 | 2,4 | 26421 | 26422 | 26423 | 26424 | 26425 | 26426 | 26427 | 26428 | 26429 | 26430 | 26431 | 26432 | 26433 | 26434 | 26435 | 26436 | |
| 0,5 | 1,8 | 4,8 | 26437 | 26438 | 26439 | 26440 | 26441 | 26442 | 26443 | 26444 | 26445 | 26446 | 26447 | 26448 | 26449 | 26450 | 26451 | 26452 | |
| 0,75 | 2,0 | 7,2 | 26453 | 26454 | 26455 | 26456 | 26457 | 26458 | 26459 | 26460 | 26461 | 26462 | 26463 | 26464 | 26465 | 26466 | 26467 | 26468 | |
| 1 | 2,1 | 9,6 | 26469 | 26470 | 26471 | 26472 | 26473 | 26474 | 26475 | 26476 | 26477 | 26478 | 26479 | 26480 | 26481 | 26482 | 26483 | 26484 | |
| 1,5 | 2,6 | 14,4 | 26485 | 26486 | 26487 | 26488 | 26489 | 26490 | 26491 | 26492 | 26493 | 26494 | 26495 | 26496 | 26497 | 26498 | 26499 | 26500 | |

Continuation ▶

LiYv PVC-Single Cores, fine wire stranded, tinned



LiYv / mm²

| Cross-section mm ² | 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

Barrel (with various capacity)

| LiY | 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. |
|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 0,25 | 1,4 | 2,4 | 26505 | 26506 | 26507 | 26508 | 26509 | 26510 | 26511 | 26512 | 26513 | 26514 | 26515 | 26516 | 26517 | 26518 | 26519 | 26520 |
| 0,5 | 1,95 | 4,8 | 26521 | 26522 | 26523 | 26524 | 26525 | 26526 | 26527 | 26528 | 26529 | 26530 | 26531 | 26532 | 26533 | 26534 | 26535 | 26536 |
| 0,75 | 2,15 | 7,2 | 26537 | 26538 | 26539 | 26540 | 26541 | 26542 | 26543 | 26544 | 26545 | 26546 | 26547 | 26548 | 26549 | 26550 | 26551 | 26552 |
| 1 | 2,25 | 9,6 | 26553 | 26554 | 26555 | 26556 | 26557 | 26558 | 26559 | 26560 | 26561 | 26562 | 26563 | 26564 | 26565 | 26566 | 26567 | 26568 |
| 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.

Conduits

Corrugated tubes

- for standard applications
- for lager sizes
- scissile corrugated tubes
- conduit glands

High flexible conduits

- plastic conduits with spiral spring
- metal conduits
- conduits glands

Conduit for heavy mechanical duty

- metal conduits with plastic sheat
- plastic conduits
- conduits glands for metal conduits



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