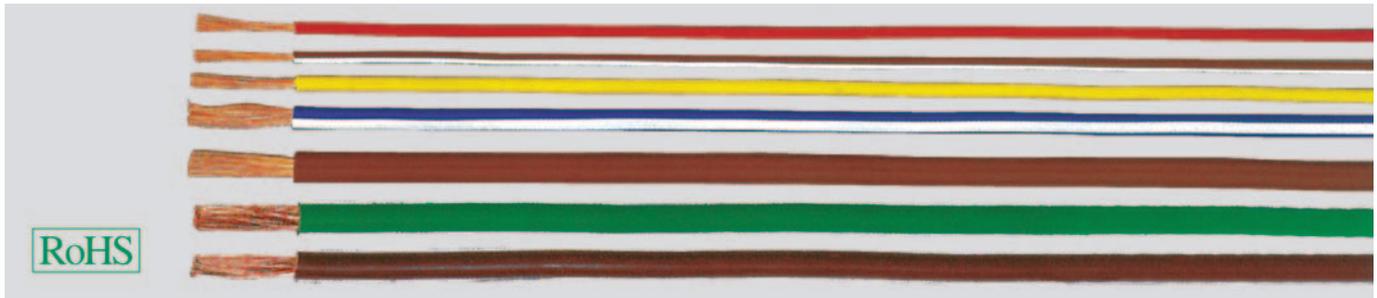


Vehicle Cable FLRY FLRY-Type A (FLK-R) / -Type B (FLK-D)



Technical data

- Special PVC core insulation
- **Temperature stability** (3000 h) -40°C to +105°C
- **Nominal voltage** up to 24 V
- **Test voltage** 1 kV (effective value)
- **Breakdown voltage** 5 kV (effective value)
- **Specific volume resistance** min. 10^9 Ohm · mm
- **Type A** = Conductor make-up symmetrical (1+6+12), number of single wires are odd number; a single wire laying at the centre of the cross-section.

Cable structure

- Bare copper conductor, soft annealed electrolytic copper E-Cu58 F21 according to DIN 40500 part 4 (the mechanical requirements valid for unprocessing single wires)
- Stranded copper conductor bare, conductor make-up as per DIN 72551
- **Type A:** Conductor make-up symmetrical
- **Type B:** Conductor make-up unsymmetrical
- Core insulation of special PVC

Properties

- Oil and fuel resistant as per DIN ISO 6722 part 2
- **Special characteristics** Place and weight saving by using the reduced insulation wall thickness.
- **Requirements and tests** As per DIN 72551 part 5

Note

- **Indication for order** Please mention the core colour and colour combination **clearly** to your order, because a re-acceptance of false ordered articles is impossible.
- **Minimum quantities** Per cross-section and colour combination:
2-colour
 0,5 to 2,5 mm² = 3 km
 4,0 to 25 mm² = 1 km
3-colour
 0,5 to 2,5 mm² = 5 km
 4,0 to 25 mm² = 3 km
 Remaining cross-sections on request.
- AWG sizes are approximate equivalent values. The actual cross-section is in mm².

Application

PVC insulated single core cables are used for vehicle constructions.

FLRY - Type A (FLK-R)

| Cross-sec. mm ² | Outer Ø min. - max. | Cop. weight kg / km | Weight app. kg / km | BK | BU | BN | RD | WH | GY | VT | YE | PK | GN | OG |
|----------------------------|---------------------|---------------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Part no. 0,35 | 1,2 - 1,3 | 3,4 | 4,5 | 28484 | 28486 | 28488 | 28491 | 28485 | 28494 | 28490 | 28493 | 28492 | 28489 | 28487 |
| Part no. 0,5 | 1,4 - 1,6 | 4,8 | 6,6 | 28495 | 28497 | 28499 | 28502 | 28496 | 28505 | 28501 | 28504 | 28503 | 28500 | 28498 |

FLRY - Type B (FLK-D)

| Cross-sec. mm ² | Outer Ø min. - max. | Cop. weight kg / km | Weight app. kg / km | BK | BU | BN | RD | WH | GY | VT | YE | PK | GN | OG |
|----------------------------|---------------------|---------------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Part no. 0,75 | 1,7 - 1,9 | 7,2 | 9,0 | 28506 | 28508 | 28510 | 28513 | 28507 | 28516 | 28512 | 28515 | 28514 | 28511 | 28509 |
| Part no. 1 | 1,9 - 2,1 | 9,6 | 11,0 | 28517 | 28519 | 28521 | 28524 | 28518 | 28527 | 28523 | 28526 | 28525 | 28522 | 28520 |
| Part no. 1,5 | 2,2 - 2,4 | 14,4 | 16,0 | 28528 | 28530 | 28532 | 28535 | 28529 | 28538 | 28534 | 28537 | 28536 | 28533 | 28531 |
| Part no. 2,5 | 2,7 - 3,0 | 24,0 | 26,0 | 28539 | 28541 | 28543 | 28546 | 28540 | 28549 | 28545 | 28548 | 28547 | 28544 | 28542 |
| Part no. 4 | 3,4 - 3,7 | 38,0 | 42,0 | 28550 | 28552 | 28554 | 28557 | 28551 | 28560 | 28556 | 28559 | 28558 | 28555 | 28553 |
| Part no. 6 | 4,0 - 4,3 | 58,0 | 61,0 | 28561 | 28563 | 28565 | 28568 | 28562 | 28571 | 28567 | 28570 | 28569 | 28566 | 28564 |

Further types of Vehicle Cables on request

| | | | | | |
|------|-------|------|-------|---------|---------|
| FLYW | FLSY | FL6G | FLYZ | FLYDY | FL4G11Y |
| FLX | FLYY | FL4G | FLYYF | FLRYDY | FL4GYW |
| FLYK | FLYTL | FL7Y | FZLY | FLRYBDY | |
| FLRY | | FL6Y | | | |

Dimensions and specifications may be changed without prior notice. (RK01)