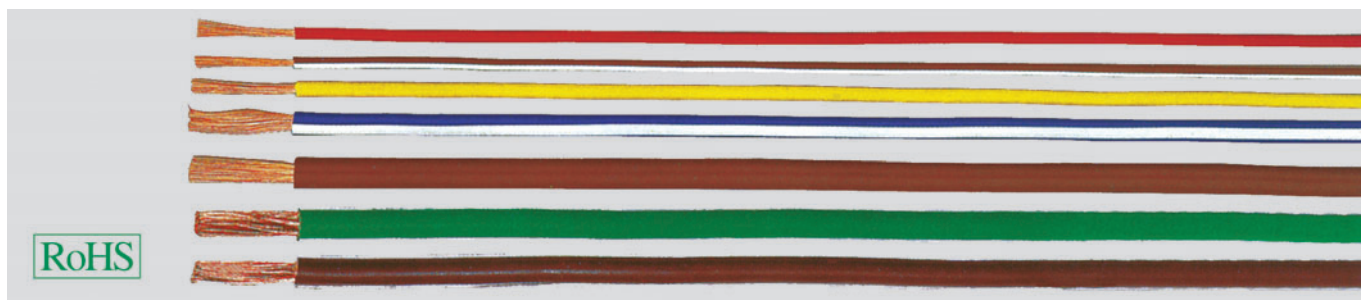


# Vehicle Cable FLRY FLRY-Type A (FLK-R) / -Type B (FLK-D)



## 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<sup>9</sup> Ohm x 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
- Special PVC core insulation

## 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 mm<sup>2</sup> = 3 km  
4,0 to 25 mm<sup>2</sup> = 1 km  
3-colour  
0,5 to 2,5 mm<sup>2</sup> = 5 km  
4,0 to 25 mm<sup>2</sup> = 3 km
- For three-colour combinations we produce **only** on request.
- AWG sizes are approximate equivalent values. The actual cross-section is in mm<sup>2</sup>.

## Application

PVC insulated single core cables are used for vehicle constructions.

### FLRY - Type A (FLK-R)

Cross-section mm <sup>2</sup>	Outer Ø min. - max.	Cop. weight kg / km	Weight approx. kg / km	AWG-No. black	AWG-No. white	AWG-No. blue	AWG-No. og	AWG-No. brown	AWG-No. green	AWG-No. vio	AWG-No. red	AWG-No. pink	AWG-No. ye	AWG-No. grey
Part no. 0,35	1,2 - 1,3	3,4	4,5	28484	28485	28486	28487	28488	28489	28490	28491	28492	28493	28494
Part no. 0,5	1,4 - 1,6	4,8	6,6	28495	28496	28497	28498	28499	28500	28501	28502	28503	28504	28505

### FLRY - Type B (FLK-D)

Cross-section mm <sup>2</sup>	Outer Ø min. - max.	Cop. weight kg / km	Weight approx. kg / km	AWG-No. black	AWG-No. white	AWG-No. blue	AWG-No. og	AWG-No. brown	AWG-No. green	AWG-No. vio	AWG-No. red	AWG-No. pink	AWG-No. ye	AWG-No. grey
Part no. 0,75	1,7 - 1,9	7,2	9,0	28506	28507	28508	28509	28510	28511	28512	28513	28514	28515	28516
Part no. 1	1,9 - 2,1	9,6	11,0	28517	28518	28519	28520	28521	28522	28523	28524	28525	28526	28527
Part no. 1,5	2,2 - 2,4	14,4	16,0	28528	28529	28530	28531	28532	28533	28534	28535	28536	28537	28538
Part no. 2,5	2,7 - 3,0	24,0	26,0	28539	28540	28541	28542	28543	28544	28545	28546	28547	28548	28549
Part no. 4	3,4 - 3,7	38,0	42,0	28550	28551	28552	28553	28554	28555	28556	28557	28558	28559	28560
Part no. 6	4,0 - 4,3	58,0	61,0	28561	28562	28563	28564	28565	28566	28567	28568 5/0	28569	28570	28571

### Further types of Vehicle Cables on request

FLYW	FLSY	FL6G	FLYZ	FLYDY	FL4G11Y
FLX	FLYY	FL4C	FLYYF	FLRYDY	FL4CYW
FLYK	FLYTL	FL7Y	FZLY	FLRYBDY	
FLRY		FL6Y			

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