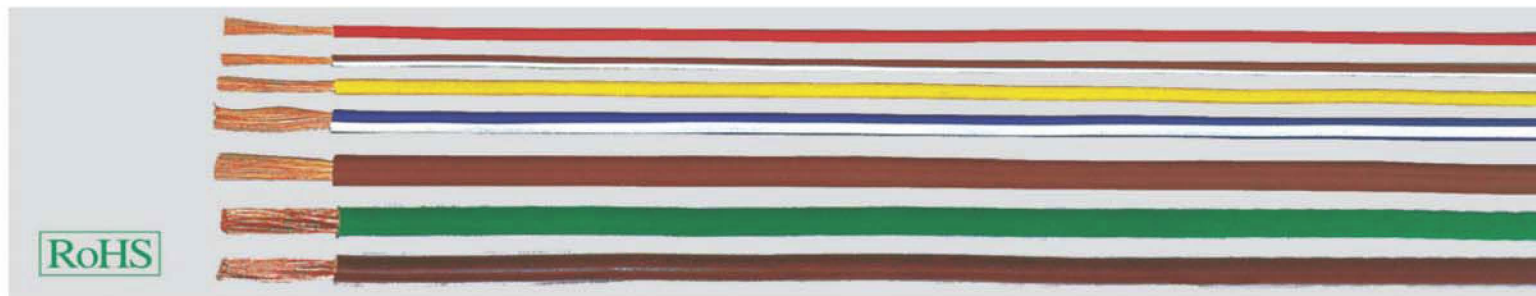




Vehicle Cable **FLRY** FLRY-Type A (FLK-R) / -Type B (FLK-D)



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. 10⁹ 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 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
- For three-colour combinations we produce **only** 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-section mm ²	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 ²	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	FL4G	FLYYF	FLRYDY	FL4GYW
FLYK	FLYTL	FL7Y	FZLY	FLRYBDY	
FLRY		FL6Y			