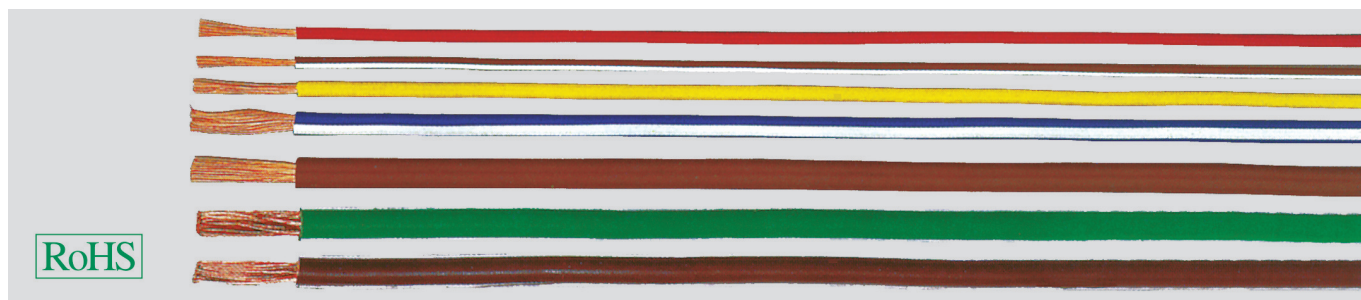


Vehicle Cable FLRY FLRY-Type A (FLK-R) / -Type B (FLK-D)



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 · 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)