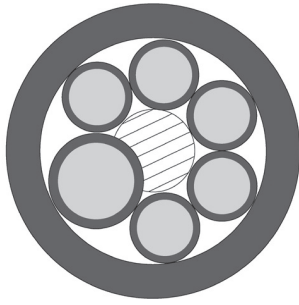


# HELUTRUCK® 270 (FLRYY) with ADR-approval, PVC low voltage cable for commercial vehicles



## Technical data

- **Temperature range**  
-40°C to +85°C
- **Test voltage**  
2000 V min. 5 minutes
- **Capacitance**  
max. 50 pF/m for the data pair  
max. 100 pF/m between data pair cores and the other cores
- **Insulation resistance**  
min. 20 MOhm x km
- **Minimum bending radius**  
12x cable Ø

## Cable structure

- Bare copper-conductor, to DIN VDE 0295 cl.5, fine-wire, IEC 60228 cl.5
- Core insulation of cold-resistant special PVC
- Core identification coloured, see table below
- Outer sheath of special PVC also available with PUR sheath
- Sheath colour black

## Properties

- Cold-resistant special PVC sheath, UV-resistant
- Largely resistant to oil, weather, and chemicals; Chemical resistance (see table Technical Information)

## Tests

- PVC self-extinguishing and flame retardant acc. to DIN VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)
- These cables conform to the national standard ISO 4141 and the international standard DIN/ISO 6722
- Component codes Tü.EGG.073-03

## Special feature:

- Complies with GGVS regulations
- Approved and tested by the TÜV
- Complies with ADR regulations

## Note

- Further sizes are available on request.

## Application

These low-voltage cables are designed for the wiring of electrical installations in the manufacture of commercial vehicles. Due to the ADR-approval especially suitable for trailers and semitrailers manufactured for the transport of GGVS hazardous substances.

Part no.	No. cores x cross-sec. mm <sup>2</sup>	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
700016	2 x 0,5	4,8	9,6	40,0	20
700575	2 x 0,75 + 2 x 1,5	7,0	43,2	91,0	18
702179	3 x 0,75	5,3	21,6	52,4	17
700582	7 x 0,75	7,3	50,4	101,0	18
75255	2 x 1	6,0	19,2	56,0	17
75254	2 x 1	6,0	19,2	56,0	17
75256	3 x 1	6,3	28,8	66,0	17
700578	3 x 1	6,6	28,8	66,0	17
75257	4 x 1	6,8	38,4	80,0	17
75258	5 x 1	7,5	48,0	98,0	17
75260	5 x 1 + 1 x 2,5	9,0	72,0	132,0	17
700580	5 x 1 + 1 x 2,5	9,0	72,0	132,0	17
75259	5 x 1 + 1 x 2,5	9,0	72,0	132,0	17
700581	5 x 1 + 1 x 2,5	9,0	72,0	132,0	17
700849	5 x 1 + 1 x 2,5	9,3	65,7	149,5	16
700576	2 x 1,5	6,6	28,8	66,0	16
700577	2 x 1,5	6,6	28,8	66,0	16

Part no.	No. cores x cross-sec. mm <sup>2</sup>	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
700579	4 x 1,5	7,5	57,6	106,0	16
700407	8 x 1,5 + 1 x 2,5	11,5	139,2	238,0	16
75262	6 x 1,5 + 1 x 2,5	10,3	110,5	187,0	16
700032	7 x 1,5	10,3	100,8	185,0	16
75261	7 x 1,5	8,9	100,2	165,0	16
75263	8 x 1,5 + 1 x 2,5	11,7	139,2	238,0	16
700583	8 x 1,5 + 5 x 2,5	14,8	235,2	360,0	16
75267	9 x 1,5 + 4 x 2,5	14,8	200,0	350,0	16
75265	10 x 1,5 + 3 x 2,5	12,5	168,0	366,0	16
75319	10 x 1,5 + 3 x 2,5 + 2 x 1,5	14,4	244,8	393,0	16
700017	10 x 1,5 + 3 x 2,5 + 2 x 1,5	14,3	244,8	391,0	16
705167	10 x 1,5 + 3 x 2,5 + 2 x 1,5	14,4	244,8	393,0	16
75266	10 x 1,5 + 3 x 2,5	13,0	216,0	345,0	16
700018	11 x 1,5 + 3 x 2,5	13,5	230,4	365,0	16
700142	3 x 2,5 + 4 x 1,5	10,3	129,6	221,0	14
706627	4 x 6 + 1 x 1,5	13,7	244,8	411,0	18

Dimensions and specifications may be changed without prior notice.