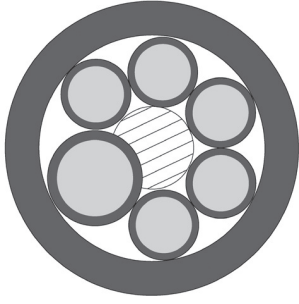


HELUTRUCK® 271 (FLRYY11Y) with ADR-approval, PUR low voltage cable for commercial vehicles



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
see table below
- Inner sheath of special PVC
- Outer sheath of PUR
also available with PVC sheath
- Sheath colour black

Properties

- PUR outer sheath, low adhesion, abrasion
resistant, halogen-free, resistant to UV-,
oil-, hydrolysis and microbial attack
- Largely resistant to oil, weather, and
chemicals; Chemical resistance (see
table Technical Information)

Tests

- These cables conform to the
national standard ISO 4141 and the
international standard DIN/ISO 6722
- Component codes Tü.EGG.074-03

Special feature:

- Complies with GGVS regulations
- Approved and tested by the TÜV
- PUR sheath provides high resistance to
abrasion, UV and wear
- 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 ²	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
708090	9 x 0,5 + 4 x 2,5 + 2 x 0,5	12,0	148,0	490,0	16
709556	2 x 0,75	5,4	14,4	45,8	18
700585	2 x 0,75 + 2 x 1,5	7,0	43,2	91,0	18
700592	7 x 0,75	7,9	50,4	100,0	18
75528	2 x 1	6,0	19,0	56,0	17
75529	2 x 1	6,0	19,0	56,0	17
75530	3 x 1	6,3	28,8	66,0	17
700588	3 x 1	6,3	28,8	66,0	17
75531	4 x 1	6,8	38,5	80,0	17
75532	5 x 1	7,5	48,1	98,0	17
700591	5 x 1 + 1 x 2,5	9,0	72,0	132,0	17
75533	5 x 1 + 1 x 2,5	9,0	72,0	132,0	17
700590	5 x 1 + 1 x 2,5	9,0	72,0	132,0	17
75534	5 x 1 + 1 x 2,5	9,0	72,0	132,0	17
705135	7 x 1	8,6	68,0	133,1	17
700586	2 x 1,5	6,6	28,8	67,0	16

Part no.	No. cores x cross-sec. mm ²	Outer Ø app. mm	Cop. weight kg / km	Weight app. kg / km	AWG-No.
700587	2 x 1,5	6,6	28,8	67,0	16
700589	4 x 1,5	7,5	57,6	105,0	16
75536	6 x 1,5 + 1 x 2,5	10,3	110,4	187,0	16
75535	7 x 1,5	8,9	100,8	165,0	16
75537	8 x 1,5 + 1 x 2,5	11,7	139,2	238,0	16
75539	10 x 1,5 + 3 x 2,5	14,4	214,0	366,0	16
700594	10 x 1,5 + 3 x 2,5	14,4	214,0	366,0	16
75538	10 x 1,5 + 3 x 2,5 + 2 x 1,5	14,4	244,8	393,0	16
700595	18 x 1,5	17,0	259,2	520,0	16
700596	25 x 1,5	19,9	360,0	730,0	16
701045	2 x 2,5	7,6	48,0	104,9	16
701044	2 x 2,5 + 5 x 1,5	10,3	120,0	214,4	16
75932	2 x 4 + 3 x 1,5 + 2 x 1,5	12,0	148,8	230,0	12
75541	2 x 6 + 3 x 1,5 + 2 x 1,5	12,0	187,2	320,0	10
75540	2 x 6 + 3 x 1,5	12,0	158,6	270,0	10

Dimensions and specifications may be changed without prior notice.