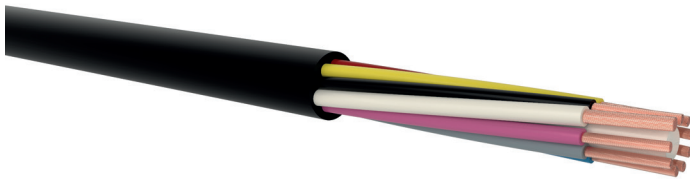


FLEXICS® TRUCK FLRY11Y

PVC/PUR power and control cable for commercial vehicles

DESIGN



- 1 | Bare copper conductors, fine wires according to ISO 6722-1
- 2 | Core insulation of special compound based on polyvinyl chloride (PVC) or for data transmission core / control pairs based on modified polyolefins (MPO), thin wall insulation according to ISO 6722-1
- 3 | Power supply cores stranded together with control cores and construction-related fillers (optional)
- 4 | Mineral powder separation or non-woven wrapping over stranding (optional)
- 5 | Outer sheath of special compound based on polyurethane (PUR), colour: black (RAL 9005) or according to customer's requirements

APPLICATION

These PUR sheathed cables provide optimal solution for connection between towing and towed vehicles. Due to PUR sheath cables offer high resistance to abrasion. Can be produced as SPIRAL for processing into coiled cable assemblies. ADR approval allows use in vehicles transporting hazardous goods.

TECHNICAL DATA



Standard:
acc. to ISO 6722-1 and ISO 14572 /
temperature class A



Rated voltage:
60 V (U_o/U)



Test voltage:
core / core 5000 V / 50 Hz



Temperature range:
operating temperature: -40 °C up to 85 °C



Bending radius (min.):
12 x Ø of cable



Core identification:
acc. to ISO 4141-3, colour coded or
continuously numbered, according to internal
standards or client's requirements



Fire properties:
ISO 6722-1, ISO 14572, ISO 4141



Certificate:
ADR TŮ . EGG . 269 – 18

Number of cores x nominal cross-section (mm ²)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
FLEXICS® TRUCK FLRY11Y			
2 x 0.5	5.0	9.6	37
7 x 0.75	7.3	50.4	79
2 x 1	6.0	19.2	55
3 x 1	6.3	28.8	67
4 x 1	6.8	38.4	81
5 x 1	7.5	48.0	97
5 x 1 + 1 x 2.5	9.0	72.0	133
6 x 1 + 1 x 1.5	8.3	72.0	187
2 x 1.5	6.6	28.8	68
2 x 1.5 + 2 x 0.75	7.2	43.2	85
3 x 1.5 + 2 x 4	11.6	120.0	197
3 x 1.5 + 2 x 6	12.1	158.4	275
6 x 1.5 + 1 x 2.5	10.3	110.4	187
7 x 1.5	8.9	100.8	166
8 x 1.5 + 1 x 2.5	11.7	139.2	239



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Number of cores x nominal cross-section (mm ²)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
FLEXICS® TRUCK FLRY11Y			
10 x 1.5 + 3 x 2.5 + (2 x 1.5)	14.4	244.8	395
10 x 1.5 + 3 x 2.5	14.4	216.0	367
18 x 1.5	13.7	259.2	407
25 x 1.5	16.1	360.0	560
50 x 1.5	23.4	720.0	998
2 x 4 + 3 x 1.5 + (2 x 1.5)	11.9	148.8	257
2 x 6 + 3 x 1.5 + (2 x 1.5)	12.1	187.2	321

Technical changes reserved. All figures are therefore without guarantee.

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