



We Make Modern
Life Possible

COMMERCIAL VEHICLES AND EVC CABLES

FLEXICS® TRUCK FLRY11Y

PVC/PUR power and control cable for
commercial vehicles



TECHNICAL DATA



Standard

Acc. to ISO 6722-1 and ISO 14572 /
temperature class A



Certificate

ADR TÜ . EGG . 268 – 18



Test Voltage

5000 V / 50 Hz



Rated Voltage

60 V (U₀/U)



Bending radius (min.)

12 x Ø of cable



Fire properties

ISO 6722-1, ISO 14572, ISO 4141



Core identification

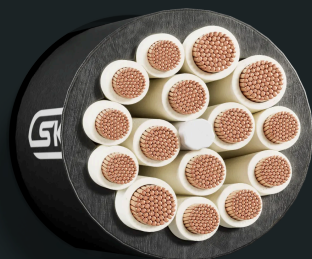
Acc. to ISO 4141-3, colour coded or
continuously numbered, according to internal
standards or client's requirements



Temperature range

Operating temperature: -40°C up to 85°C

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 co-extruded special compound based on
polyvinyl chloride (PVC) and special polyurethane (PUR),
color: black (RAL 9005) or according to customers'
requirements

Number of cores x nominal cross-section (mm²)	Outer diameter appr. (mm)	Cu-value (kg/km)	Total weight appr. (kg/km)
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	97
5 x 1 + 1 x 2.5	9.0	72	133
6 x 1 + 1 x 1.5	8.3	72	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	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
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	367
18 x 1.5	13.7	259.2	407
25 x 1.5	16.1	360	560
50 x 1.5	23.4	720	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

CONTACT PERSON

Dipl. Ing. Peter Tomka

+421 37 6969631
peter.tomka@ics-cables.sk