

FLEXICS® TRUCK FLRYY



PVC multicore power and control cable for commercial vehicles and truck applications



DESIGN (EXAMPLE)

Conductor	bare copper conductors of fine wires in accordance with ISO 6722-1
Insulation	insulation of special compound based on polyvinylchloride (PVC) or for data transmission core / control pairs based on modified polyolefins (MPO), thin wall insulation according to ISO 6722-1
Core colours	according to ISO 4141-3, colour coded or continuously numbered, according to internal standards or according to client's requirements
Stranding	power cores with control cores and fillers (optional) in layers twisted together, optimal lay length
Separation	mineral powder or non-woven wrapping over stranding (optional)
Outer sheath	special compound based on polyvinylchloride (PVC)
Colour	black (similar to RAL 9005) or according to client's requirements
Marking	Ink-Jet printing (white): FLEXICS® TRUCK FLRYY < Number of cores > x < dimension > ADR TÜ . EGG . 267 - 18 <traceability code > or according to the customer requirements (incl. homologation relevant details)

APPLICATION

These PVC sheathed cables provide optimal solution for wiring of electrical installations in commercial vehicles. Moreover, ADR approval allows use in vehicles transporting hazardous goods.

SPECIAL FEATURES AND REMARKS

Multicore power and control cable for commercial vehicles and truck applications. These cables are homologated in accordance with ADR 2017, part 9, ISO 6722, ISO 14572, ISO 16750-4 and ISO 16750-5

APPLICATION PARAMETERS



Standards:

according to ISO 6722-1 and ISO 14572, temperature class A



Approval No.:

ADR TÜ . EGG . 267 - 18



Rated voltage:

max. 60 V



Test voltage:

5.000 V



Temperature range:

-40°C to +85°C / 3.000 h



Bending radius (min.)

12× outer diameter of the cable



Burning behaviour

acc. to ISO 6722-1 or ISO 14572 or ISO 4141

TABLE OF STANDARD ARTICLES*

Article number	Dimension N × mm ²	Core colours	Outer diameter approx. [mm]	Copper index [kg/km]
KN2110520	2×0,5	WH/BK	5,0	9,6
KN2110770	7×0,75	WH/BK/YE/RD/GN/BN/BU	7,3	50,4
KN2110920	2×1,0	WH/BK	6,0	19,2
KN2110921	2×1,0	WH/BN	6,0	19,2
KN2110930	3×1,0	WH/BN/BU	6,3	28,8
KN2110931	3×1,0	BK/BN/BU	6,3	28,8
KN2110940	4×1,0	WH/BK/RD/BN	6,8	38,4
KN2110950	5×1,0	WH/BN/GN/RD/GY	7,5	48,0
KN2111150	5×1,0+1×2,5	2,5 mm ² WH, 1,0 mm ² BN/GN/RD/GY/VT	9,0	72,0
KN2111321	2×1,5	WH/BK	6,6	28,8
KN2111320	2×1,5	WH/BN	6,6	28,8
KN2111520	2×1,5+2×0,75	1,5 mm ² YE/GN, 0,75 mm ² WH/BN	7,2	43,2
KN2112020	3×1,5+2×4	1,5 mm ² BK/YE/WH, 4,0 mm ² RD/BN	11,6	120,0
KN2112120	3×1,5+2×6	1,5 mm ² BK/YE/WH, 6,0 mm ² RD/BN	12,1	158,4
KN2111340	4×1,5	WH/BK/TR/BN	7,5	57,6
KN2112060	2×4+3×1,5+1×(2×1,5)	4,0 mm ² RD/BN 1,5 mm ² BK/YE/WH, (WH-GY/WH-BN)	12,7	148,8
KN2112220	2×6+3×1,5+1×(2×1,5)	6,0 mm ² RD/BN 1,5 mm ² BK/YE/WH, (WH-GY/WH-BN)	13,7	187,2
KN2111550	5×1,5+2×2,5	1,5 mm ² BK/YE/GN/BN/BU, 2,5 mm ² WH/RD	10,3	120,0
KN2111560	6×1,5+1×2,5	1,5 mm ² BK/YE/RD/GN/BN/BU, 2,5 mm ² WH	10,3	110,4
KN2111370	7×1,5	WH/BK/YE/RD/GN/BN/BU	8,9	100,8
KN2111580	8×1,5+1×2,5	1,5 mm ² BK/YE/RD/GN/BN/BU/GY/VT, 2,5 mm ² WH	11,7	139,2
KN2111585	8×1,5+5×2,5	1,5 mm ² YE/BU/GN/BN/RD/BK/PK/WH-BU 2,5 mm ² WH/OG/GY/WH-BK/WH-RD	14,8	235,2
KN2111590	9×1,5+4×2,5	WH with black numbers 1,5 mm ² No.2/4/5/6/7/8/10/11/12 2,5 mm ² No.1/3/9/13	14,8	225,6
KN2111710	10×1,5+3×2,5+1×(2×1,5) control pair (24V)	coloured	14,4	244,8
KN2111711	10×1,5+3×2,5+1×(2×1,5) control pair (24V)	WH with black numbers	14,4	244,8
KN2111610	10×1,5+3×2,5	WH with black numbers 1,5 mm ² No.1/2/3/5/6/7/8/10/11/12 2,5 mm ² No.4/9/13	14,4	216,0
KN2111450	50×1,5	WH with black numbers	23,4	720,0
KN2112140	4×6+1×1,5	6,0 mm ² BN/RD/BK/BU 1,5 mm ² GY	13,7	244,8

* other dimensions on request

Subject to technical changes. Errors and omissions excepted.