Special ADR approval
ADR approval enables use in vehicles transporting hazardous goods



Suitable for outdoor use

Good chemical resistance

Oil-resistant

UV-resistant

Info
Commercial vehicles
Hazardous materials transportation

Application range
Commercial vehicles
Wiring of electrical equipments in all trailers and semi-trailers

Product Make-up
Strands of bare copper wires
Core insulation: Based on PVC
Special PVC-based outer sheath

Norm references / Approvals
ISO 4141 and DIN/ISO 6722

Product features
UV-resistant
Resistant to cold temperatures
Resistant to most oils, chemicals and weather conditions

Remark
Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.
Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths
Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum
Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).
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Technical Data

Core identification code:	ISO 4141-3
Classification:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Capacity of data pairs:	Related to length between cores, max. 50 pF/m and between each data transmission core and all other cores in the cable, max. 100 pF/m
Conductor stranding:	Fine wire according to DIN/ISO 6722
Minimum bending radius:	12 x outer diameter
Nominal voltage:	60 V
Test voltage:	5 kV rms for at least 5 min.
Temperature range:	Area of application, Class A Fixed installation: -40°C to +85°C

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Part number	Number of cores and mm² per conductor	Outer diameter (mm)	Colour	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® TRUCK 170 FLRYY					
7027060	2 x 1,0	6.0	white-black	19.2	55
7027061	2 x 1,0	6.0	white-brown	19.2	55
7027000	2 x 1,5	6,6	white-black	28.8	68
7027001	2 x 1,5	6,6	white-brown	28.8	68
7027062	3 x 1,0	6,3	black-brown-blue	28.8	63
7027012	3 x 1,0	6,3	white/brown/blue, newest ISO design	28.8	63
7027063	4 x 1,0	6,8	white/black/red/brown	38.4	81
7027034	4 x 1,5	7,5	white/black/red/brown	57.6	106
7027064	5 x 1,0	7,5	white/brown/green/red/grey	48.0	97
7027065	5 x 1,0 + 1 x 2,5	9.0	1.0 = green/brown/red/blue/violet; 2.5 = white	72.0	133
7027066	5 x 1,0 + 1 x 2,5	9.0	1.0 = yellow/black/red/blue/violet; 2.5 = white	72.0	133
7027015	5 x 1,0 + 1 x 2,5	9.0	1.0 = brown/green/red/grey/violet; 2.5 = white, newest ISO design	72.0	133
7027016	5 x 1,0 + 1 x 2,5	9.0	1.0 = brown/yellow/red/grey/violet; 2.5 = white, newest ISO design	72.0	133
7027007	7 x 0,75	7,3	white/black/yellow/red/green/brown/blue	50.4	101
7027067	7 x 1,5	8,9	white/black/yellow/red/green/brown/blue	100.8	166
7027068	6 x 1,5 + 1 x 2,5	10,3	ISO 4141 1.5 = black/yellow/red/green/brown/blue; 2.5 = white	110.4	187
7027069	8 x 1,5 + 1 x 2,5	11,7	ISO 4141 + grey/violet	139.2	239
7027070	10 x 1,5 + 3 x 2,5 + 1x(2x1,5)	14,4	white with black numbers; 1.5 = no. 1 - 3, 5 - 8, 10 - 12; 2.5 = no. 4, 9, 13; 1.5 = no. 14, 15	244.8	391
7027010	10 x 1,5 + 3 x 2,5 + 1x(2x1,5)	14,4	ISO 12098	244.8	391
7027071	10 x 1,5 + 3 x 2,5	14,4	white with black numbers; 1.5 = no. 1 - 3, 5 - 8, 10 - 12;	216.0	367

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Part number	Number of cores and mm² per conductor	Outer diameter (mm)	Colour	Copper index (kg/km)	Weight (kg/km)
			2.5 = no. 4, 9, 13		
7027035	2 x 0,75 + 2 x 1,5	7,2	0.75 = white-brown; 1.5 = yellow-green	43.2	85
7027017	5 x 1,5 + 2 x 2,5	10,3	1.5 = black/yellow/green/brown/blue; 2.5 = white/red	120.0	217
7027004	8 x 1,5 + 5 x 2,5	14,8	1.5 = yellow/blue/green/brown/red/black/pink/white-blue; 2.5 = white/orange/grey/white-black/white-red	235.2	360
7027073	9 x 1,5 + 4 x 2,5	14,8	white with black numbers; 1.5 = no. 2, 4 - 8, 10 - 12; 2.5 = no. 1, 3, 9, 13	225.6	352
7027074	4 x 6 + 1 x 1,5	13,7	1.5 = grey; 6.0 = brown/red/black/blue	244.8	352

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