Proven all-weather control cables – resistant to a wide range of chemical media
Outstanding weather, ozone and UV resistance together with the wide temperature range enable versatile use for both indoor and outdoor applications
Resistant to contact with plant, animal or synthetic-based organic oils, greases, waxes and the related emulsions
Good resistance to ammonia compounds and bio-gases
Good resistance to cold and hot water as well as water-soluble cleaning agents
Well-suited to frequent steam cleaning



CE RoHS

Info
Excellent weather resistance
High chemical resistance
EMC compliant copper screening

Application range
Machine tool building, medical technology, laundries, car washing equipment, chemical industry, composting plants, sewage works
Food and beverage industry, especially for production and processing equipment of milk and meat products
For indoor and outdoor use
In EMC-sensitive environments (electromagnetic compatibility)

Design
Fine-wire strand made of bare copper wires
Core insulation made of modified PP
Cores twisted in layers
Halogen-free plastic foil wrapping
Tinned copper screen braiding
Outer sheath made of special TPE
Sheath colour: black (RAL 9005)

Product features
Halogen-free materials
Good chemical resistance to ester-based hydraulic fluids
Ozone, UV and weather-resistant according to EN 50396 and HD 605 S2
Flexible down to -40 °C
Number-coded cores

Remark
Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 150/100kg. Refer to 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).
Single lengths for sizes: ≥ 4G16 max. 600 m; ≥ 4G25 max. 300 m; ≥ 4G50 max. 250 m
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Technical Data

Core identification code:	Black with white numbers acc. to VDE 0293
Based on:	VDE 0250/0281
Conductor stranding:	Fine wire according to VDE 0295, class 5/IEC 60228 class 5
Minimum bending radius:	Occasional flexing: 20 x outer diameter Fixed installation: 6 x outer diameter
Nominal voltage:	U_0/U: 300/500 V
Test voltage:	Core/core: 4000 V Core/screen: 2000 V
Protective conductor:	G = with GN-YE protective conductor X = without protective conductor
Temperature range:	Occasional flexing: -40 °C to +80 °C Fixed installation: -50 °C to +80 °C

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Part number	Number of cores and mm² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® ROBUST 215 C				
0022700	2 X 0,5	5,9	36.0	42
0022701	3 G 0,5	6,2	43.0	52
0022702	3 X 0,5	6,2	43.0	52
0022703	4 G 0,5	6,6	49.0	59
0022704	4 X 0,5	6,6	49.0	59
0022705	5 G 0,5	7,1	57.0	68
0022706	5 X 0,5	7,1	57.0	68
0022708	7 G 0,5	7,7	69.0	85
0022709	7 X 0,5	7,7	69.0	85
0022711	12 G 0,5	10,1	104.0	136
0022712	18 G 0,5	11,8	141.0	189
0022713	25 G 0,5	13,7	211.0	265
0022717	2 X 0,75	6,3	43.0	50
0022718	3 G 0,75	6,6	52.0	60
0022719	3 X 0,75	6,6	52.0	60
0022720	4 G 0,75	7,1	61.0	72
0022721	4 X 0,75	7,1	61.0	72
0022722	5 G 0,75	7,9	72.0	88
0022723	5 X 0,75	7,9	72.0	88
0022724	7 G 0,75	8,5	89.0	110
0022725	7 X 0,75	8,5	89.0	110
0022727	12 G 0,75	11,1	138.0	177
0022728	18 G 0,75	13.0	211.0	247
0022729	25 G 0,75	15,1	280.0	347
0022730	34 G 0,75	17,5	380.0	460
0022733	2 X 1,0	6,6	51.0	60
0022734	3 G 1,0	6,9	62.0	70
0022735	3 X 1,0	6,9	62.0	70
0022736	4 G 1,0	7,4	74.0	85
0022737	4 X 1,0	7,4	74.0	85
0022738	5 G 1,0	8,3	88.0	103

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Part number	Number of cores and mm² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
0022739	5 X 1,0	8,3	88.0	103
0022740	7 G 1,0	8,9	112.0	131
0022742	12 G 1,0	11,7	185.0	213
0022743	18 G 1,0	14,1	268.0	321
0022744	25 G 1,0	16,2	354.0	425
0022748	2 X 1,5	7,2	65.0	71
0022749	3 G 1,5	7,6	82.0	90
0022750	3 X 1,5	7,6	82.0	90
0022751	4 G 1,5	8,4	100.0	114
0022752	4 X 1,5	8,4	100.0	114
0022753	5 G 1,5	9,1	119.0	136
0022754	5 X 1,5	9,1	119.0	136
0022756	7 G 1,5	10.0	154.0	177
0022757	7 X 1,5	10.0	154.0	177
0022760	12 G 1,5	13,4	268.0	290
0022761	18 G 1,5	15,8	373.0	435
0022762	25 G 1,5	18,2	530.0	579
0022763	34 G 1,5	21,2	683.0	797
0022767	3 G 2,5	9,1	118.0	134
0022768	4 G 2,5	10.0	147.0	169
0022769	5 G 2,5	11,1	176.0	207
0022770	7 G 2,5	12.0	253.0	270
0022774	4 G 4	11,9	190.0	258
0022776	4 G 6	14,5	290.0	392
0022777	4 G 10	17,5	458.0	602
0022778	4 G 16	20,2	736.6	928
0022771	4 G 25	25,1	1126.7	1411

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Part number	Number of cores and mm² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
0022780	4 G 35	28.0	1540.0	1883

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