

ÖLFLEX® ROBUST 215 C

Tried-and-tested all-weather control cable - shielded and resistant to a wide range of chemical media

ÖLFLEX® ROBUST 215 – shielded control cable, weather-resistant, bio-oil-resistant, detergent-resistant and hot-water-resistant for use in the food industry and in composting plants.

Info

Excellent weather resistance

Good chemical resistance

EMC compliant copper screening



UV-resistant



Interference signals



Halogen-free



Good chemical resistance



Suitable for outdoor use



Cold-resistant

ÖLFLEX® ROBUST 215 C

Benefits

Outstanding weather, ozone and UV resistance together with the wide temperature range enable versatile use for 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 and cooling agents
Well-suited to frequent steam cleaning

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
Agricultural equipment
For indoor and outdoor use
In EMC-sensitive environments
(electromagnetic compatibility)

Product features

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
Low-capacitance design
Number cores

Norm references / Approvals

Based on VDE 0250 / 0285
Certified resistance to disinfection and cleaning solutions used in food and beverage industry

Product Make-up

Fine-wire, bare copper conductor
Core insulation made of modified PP
Cores twisted in layers
Halogen-free plastic foil wrapping
Tin-plated copper braiding
Outer sheath made of special TPE
Sheath colour: black

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Technical Data

Classification:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Core identification code:	Black with white numbers acc. to VDE 0293-1
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:	U0/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

Note

Unless otherwise specified, the product values shown are nominal values. You can receive further values, such as tolerances, upon request if they are available and have been released for publication.

Copper price basis: EUR 150/100 kg; see catalogue appendix T17 for the application and definition of "Metal price basis" and "Metal index"

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging: Ring ≤ 30 kg or ≤ 250 m, otherwise drum

Please specify the preferred packaging (e.g. 1 x 500 m drum or 5 x 100 m rings)

Single lengths for dimensions: ≥ 4G16 max. 600 m; ≥ 4G25 max. 300 m; ≥ 4G50 max. 250 m

Photographs are not to scale and do not represent detailed images of the respective products.

* Prices are net prices without VAT and surcharges. Sale to business customers only.

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)
ÖLFLEX® ROBUST 215 C			
0022700	2 X 0.5	5.9	36
0022701	3 G 0.5	6.2	43
0022702	3 X 0.5	6.2	43
0022703	4 G 0.5	6.6	49
0022704	4 X 0.5	6.6	49
0022705	5 G 0.5	7.1	57
0022706	5 X 0.5	7.1	57
0022708	7 G 0.5	7.7	69
0022709	7 X 0.5	7.7	69
0022711	12 G 0.5	10.1	104
0022712	18 G 0.5	11.8	141
0022713	25 G 0.5	13.7	211
0022717	2 X 0.75	6.3	43
0022718	3 G 0.75	6.6	52
0022719	3 X 0.75	6.6	52
0022720	4 G 0.75	7.1	61
0022721	4 X 0.75	7.1	61
0022722	5 G 0.75	7.9	72
0022723	5 X 0.75	7.9	72
0022724	7 G 0.75	8.5	89
0022725	7 X 0.75	8.5	89
0022727	12 G 0.75	11.1	138
0022728	18 G 0.75	13	211
0022729	25 G 0.75	15.1	280
0022730	34 G 0.75	17.5	380
0022733	2 X 1	6.6	51
0022734	3 G 1	6.9	62
0022735	3 X 1	6.9	62
0022736	4 G 1	7.4	74
0022737	4 X 1	7.4	74
0022738	5 G 1	8.3	88
0022739	5 X 1	8.3	88
0022740	7 G 1	8.9	112

Last Update (16.07.2017)
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 Product Management www.lappkabel.de
 You can find the current technical data in the corresponding data sheet.
 PN 0456 / 02_03_16

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)
0022742	12 G 1	11.7	185
0022743	18 G 1	14.1	268
0022744	25 G 1	16.2	354
0022748	2 X 1.5	7.2	65
0022749	3 G 1.5	7.6	82
0022750	3 X 1.5	7.6	82
0022751	4 G 1.5	8.4	100
0022752	4 X 1.5	8.4	100
0022753	5 G 1.5	9.1	119
0022754	5 X 1.5	9.1	119
0022756	7 G 1.5	10	154
0022757	7 X 1.5	10	154
0022760	12 G 1.5	13.4	268
0022761	18 G 1.5	15.8	373
0022762	25 G 1.5	18.2	530
0022763	34 G 1.5	21.2	683
0022767	3 G 2.5	9.1	118
0022768	4 G 2.5	10	147
0022769	5 G 2.5	11.1	176
0022770	7 G 2.5	12	253
0022774	4 G 4	11.9	190
0022776	4 G 6	14.5	290
0022777	4 G 10	17.5	458
0022778	4 G 16	20.2	736.6
0022771	4 G 25	25.1	1,126.7
0022780	4 G 35	28	1540

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