

ÖLFLEX® CLASSIC 115 CY BK

Screened PVC control cable with small outer diameter and black outer sheath

ÖLFLEX® CLASSIC 115 CY BK - PVC control cable, screened and flexible for various applications, also outdoors. Thin and light without inner sheath, U_0/U 300/500V

Info

With black outer sheath, UV-resistant
Thin and light, without inner sheath
EMC-compliant



Good chemical resistance



Interference signals



Torsion-resistant



UV-resistant

Benefits

Suitable for outdoor applications
Space-saving installation due to small cable diameters

Application range

Measurement and control technology
Plant engineering
Industrial machinery
Heating and air-conditioning systems
Conveyor and transport systems
Suitable for torsional applications which are typical for the loop in wind turbine generators (WTG)

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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

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Suitable for outdoor applications

Product features

UV and weather-resistant according to ISO 4892-2
Flame-retardant according IEC 60332-1-2
Good chemical resistance, see catalogue appendix T1
High degree of screening
low transfer impedance
(max. 250 Ω/km at 30 MHz)

Norm references / Approvals

Based on EN 50525-2-51

Product Make-up

Fine-wire strand made of bare copper wires
PVC insulation LAPP P8/1
Cores twisted in layers
Plastic foil wrapping
Tinned-copper braiding
PVC outer sheath, black

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000104 ETIM 6.0 Class-Description: Control cable
Core identification code:	Black with white numbers acc. to VDE 0293-334
Conductor stranding:	Fine wire according to VDE 0295, class 5/IEC 60228 class 5
Torsion movement in WTG:	TW-0 & TW-1, refer to Appendix T0
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: -5 °C to +70 °C Fixed installation: -40 °C to +80 °C

Note

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).

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

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

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Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
1136510	2 X 0.5	5.8	36	54
1136511	3 G 0.5	6.1	43	63
1136512	3 X 0.5	6.1	43	63
1136513	4 G 0.5	6.5	49	71
1136514	4 X 0.5	6.5	49	71
1136515	5 G 0.5	7	57	86
1136516	5 X 0.5	7	57	86
1136517	7 G 0.5	7.5	69	105
1136518	7 X 0.5	7.5	69	105
1136519	12 G 0.5	9.9	104	163
1136520	12 X 0.5	9.9	104	163
1136521	18 G 0.5	11.5	141	226
1136522	25 G 0.5	13.4	211	350
1136523	2 X 0.75	6.2	43	59
1136110	3 G 0.75	6.5	52	76
1136525	3 X 0.75	6.5	52	76
1136111	4 G 0.75	7	61	91
1136527	4 X 0.75	7	61	91
1136113	5 G 0.75	7.7	72	100
1136529	5 X 0.75	7.7	72	100
1136114	7 G 0.75	8.3	89	127
1136531	7 X 0.75	8.3	89	127
1136115	12 G 0.75	10.9	138	232
1136533	18 G 0.75	12.7	211	292
1136534	25 G 0.75	14.8	280	435
1136535	2 X 1.0	6.5	51	71
1136536	3 G 1.0	6.8	62	86
1136537	3 X 1.0	6.8	62	86
1136538	4 G 1.0	7.3	74	98
1136539	4 X 1.0	7.3	74	98
1136540	5 G 1.0	8.1	88	121
1136541	5 X 1.0	8.1	88	121
1136542	7 G 1.0	8.8	112	147
1136543	7 X 1.0	8.8	112	147

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1136544	12 G 1.0	11.5	185	249
1136545	18 G 1.0	13.9	268	364
1136546	25 G 1.0	15.9	354	486
1136547	2 X 1.5	7.1	65	86
1136548	3 G 1.5	7.5	82	112
1136549	3 X 1.5	7.5	82	112
1136550	4 G 1.5	8.2	100	135
1136551	4 X 1.5	8.2	100	135
1136552	5 G 1.5	8.9	119	148
1136553	5 X 1.5	8.9	119	148
1136554	7 G 1.5	9.9	154	192
1136555	7 X 1.5	9.9	154	192
1136556	12 G 1.5	13	268	332
1136557	18 G 1.5	15.6	373	484
1136558	25 G 1.5	17.9	530	734
1136559	34 G 1.5	20.8	683	944
1136560	3 G 2.5	8.9	118	151
1136561	4 G 2.5	9.9	147	188
1136562	5 G 2.5	11	176	224
1136563	7 G 2.5	11.9	253	294
1136564	12 G 2.5	16	355	521
1136565	18 G 2.5	19	569	740
1136566	4 G 4.0	11.6	248	287
1136567	4 G 6.0	14.2	343	424
1136568	4 G 10.0	17.2	495	637
1136569	5 G 10.0	19.5	592	824
1136570	4 G 16.0	20.2	800	1050
1136571	5 G 16.0	22.6	895	1285
1136572	4 G 25.0	25.1	1075	1413
1136573	4 G 35.0	28	1576	1867

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