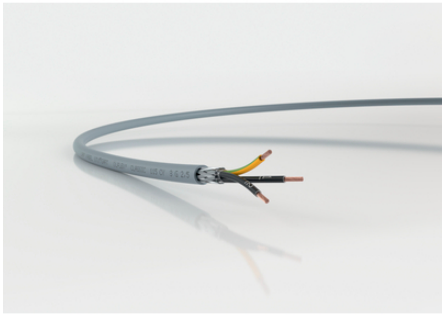
ÖLFLEX® CLASSIC 115 CY

Screened PVC control cable with small outer diameter

ÖLFLEX® CLASSIC 115 CY - PVC control cable, screened and flexible for various applications, thin and light without inner sheath, U_0/U: 300/500V

Info
CPR: Article number choice under www.lappkabel.com/cpr
Thin and light, without inner sheath
EMC-compliant



Good chemical resistance

Interference signals

Torsion-resistant

Benefits
Space-saving installation due to small cable diameters

Application range
Measurement and control technology
Plant engineering
Industrial machinery
Heating and air-conditioning systems
Office machines and systems for data processing
In EMC-sensitive environments
(electromagnetic compatibility)
Suitable for torsional applications which are typical for the loop in wind turbine generators (WTG)

Last Update (14.07.2025)

Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
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Product features
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, grey (similar RAL 7001)

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

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Article number	Number of cores and mm² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
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1136752	2 X 0.5	5.8	36	54
1136003	3 G 0.5	6.1	43	63
1136753	3 X 0.5	6.1	43	63
1136004	4 G 0.5	6.5	49	71
1136754	4 X 0.5	6.5	49	71
1136005	5 G 0.5	7	57	86
1136755	5 X 0.5	7	57	86
1136007	7 G 0.5	7.5	69	105
1136757	7 X 0.5	7.5	69	105
1136012	12 G 0.5	9.9	104	200
1136762	12 X 0.5	9.9	104	200
1136018	18 G 0.5	11.5	141	275
1136768	18 X 0.5	11.5	141	275
1136025	25 G 0.5	13.4	211	350
1136775	25 X 0.5	13.4	211	350
1136802	2 X 0.75	6.2	43	56
1136103	3 G 0.75	6.5	52	70
1136803	3 X 0.75	6.5	52	70
1136104	4 G 0.75	7	61	95
1136804	4 X 0.75	7	61	95
1136105	5 G 0.75	7.7	72	108
1136805	5 X 0.75	7.7	72	108
1136107	7 G 0.75	8.3	89	127
1136807	7 X 0.75	8.3	89	127
1136112	12 G 0.75	10.9	138	232
1136118	18 G 0.75	12.7	211	315
1136125	25 G 0.75	14.8	280	435
1136825	25 X 0.75	14.8	280	435
1136852	2 X 1.0	6.5	51	71
1136203	3 G 1.0	6.8	62	86
1136853	3 X 1.0	6.8	62	86
1136204	4 G 1.0	7.3	74	98
1136854	4 X 1.0	7.3	74	98

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1136205	5 G 1.0	8.1	88	121
1136855	5 X 1.0	8.1	88	121
1136207	7 G 1.0	8.8	112	147
1136857	7 X 1.0	8.8	112	147
1136212	12 G 1.0	11.5	185	285
1136218	18 G 1.0	13.9	268	395
1136225	25 G 1.0	15.9	354	486
1136902	2 X 1.5	7.1	65	86
1136303	3 G 1.5	7.5	82	112
1136903	3 X 1.5	7.5	82	112
1136304	4 G 1.5	8.2	100	135
1136904	4 X 1.5	8.2	100	135
1136305	5 G 1.5	8.9	119	148
1136905	5 X 1.5	8.9	119	148
1136307	7 G 1.5	9.9	154	192
1136907	7 X 1.5	9.9	154	192
1136312	12 G 1.5	13	268	365
1136318	18 G 1.5	15.6	373	520
1136325	25 G 1.5	17.9	530	734
1136334	34 G 1.5	20.8	683	944
1136403	3 G 2.5	8.9	118	151
1136404	4 G 2.5	9.9	147	188
1136405	5 G 2.5	11	176	270
1136407	7 G 2.5	11.9	253	340
1136412	12 G 2.5	16	355	540
1136418	18 G 2.5	19	569	782
1136425	25 G 2.5	22.2	827	1358
1136504	4 G 4.0	11.6	248	305
1136507	7 G 4.0	14.4	355	500
1136604	4 G 6.0	14.2	343	440
1136607	7 G 6.0	17	505	672
1136614	4 G 10.0	17.2	495	680
1136615	5 G 10.0	19.5	592	824
1136624	4 G 16.0	20.2	800	1050

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1136625	5 G 16.0	22.6	895	1285
1136634	4 G 25.0	25.1	1075	1413
1136635	5 G 25.0	28	1400	1976
1136638	4 G 35.0	28	1576	2070

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