

U.I. Lapp GmbH	<b>PRODUCT INFORMATION</b>	
	<b>ÖLFLEX® CLASSIC 115 CY</b>	29.11.2013

Screened PVC control cable with small outer diameter  
Space-saving installation due to small cable diameters



Good chemical resistance



Interference signals

#### Info

EMC-compliant  
Thin and light, without inner sheath

#### Application range

Measurement and control technology  
Office machines and systems for data processing

#### Design

Fine-wire strand made of bare copper wires  
PVC insulation LAPP P8/1  
Plastic foil wrapping  
Tinned-copper braiding  
PVC outer sheath, grey (RAL 7001)

#### Norm references / Approvals

Based on EN 50525-2-51

#### Product features

Flame-retardant according IEC 60332-1-2  
Good chemical resistance, see catalogue appendix T1

#### 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 catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://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 are not to scale and do not represent detailed images of the respective products.

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### Technical Data

Core identification code:	Black with white numbers acc. to VDE 0293-1
Classification:	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Specific insulation resistance:	> 20 GOhm x cm
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 <sub>0</sub> /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

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## ÖLFLEX® CLASSIC 115 CY

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Part number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
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1136752	2 X0,5	5,8	36.0	45
1136003	3 G0,5	6,1	43.0	59
1136753	3 X0,5	6,1	43.0	59
1136004	4 G0,5	6,5	49.0	71
1136754	4 X0,5	6,5	49.0	71
1136005	5 G0,5	7.0	57.0	86
1136755	5 X0,5	7.0	57.0	86
1136007	7 G0,5	7,5	69.0	105
1136757	7 X0,5	7,5	69.0	105
1136012	12 G0,5	9,9	104.0	200
1136762	12 X0,5	9,9	104.0	200
1136018	18 G0,5	11,5	141.0	275
1136768	18 X0,5	11,5	141.0	275
1136025	25 G0,5	13,4	211.0	350
1136775	25 X0,5	13,4	211.0	350
1136802	2 X0,75	6,2	43.0	56
1136103	3 G0,75	6,5	52.0	70
1136803	3 X0,75	6,5	52.0	70
1136104	4 G0,75	7.0	61.0	95
1136804	4 X0,75	7.0	61.0	95
1136105	5 G0,75	7,7	72.0	108
1136805	5 X0,75	7,7	72.0	108
1136107	7 G0,75	8,3	89.0	127
1136807	7 X0,75	8,3	89.0	127
1136112	12 G0,75	10,9	138.0	232
1136118	18 G0,75	12,7	211.0	315
1136125	25 G0,75	14,8	280.0	435
1136825	25 X0,75	14,8	280.0	435
1136852	2 X1,0	6,5	51.0	71
1136203	3 G1,0	6,8	62.0	86
1136853	3 X1,0	6,8	62.0	86

Part number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
1136204	4 G1,0	7,3	74.0	98
1136854	4 X1,0	7,3	74.0	98
1136205	5 G1,0	8,1	88.0	121
1136855	5 X1,0	8,1	88.0	121
1136207	7 G1,0	8,8	112.0	147
1136857	7 X1,0	8,8	112.0	147
1136212	12 G1,0	11,5	185.0	285
1136218	18 G1,0	13,9	268.0	395
1136225	25 G1,0	15,9	354.0	486
1136902	2 X1,5	7,1	65.0	86
1136303	3 G1,5	7,5	82.0	112
1136903	3 X1,5	7,5	82.0	112
1136304	4 G1,5	8,2	100.0	135
1136904	4 X1,5	8,2	100.0	135
1136305	5 G1,5	8,9	119.0	148
1136905	5 X1,5	8,9	119.0	148
1136307	7 G1,5	9,9	154.0	192
1136907	7 X1,5	9,9	154.0	192
1136312	12 G1,5	13,0	268.0	365
1136318	18 G1,5	15,6	373.0	520
1136325	25 G1,5	17,9	530.0	734
1136334	34 G1,5	20,8	683.0	944
1136403	3 G2,5	8,9	118.0	151
1136404	4 G2,5	9,9	147.0	188
1136405	5 G2,5	11,0	176.0	270
1136407	7 G2,5	11,9	253.0	340
1136412	12 G2,5	16,0	355.0	540
1136418	18 G2,5	19,0	569.0	782
1136425	25 G2,5	22,2	827.0	1358
1136504	4 G4	11,6	248.0	305
1136507	7 G4	14,4	355.0	500



Part number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
1136604	4 G6	14,2	343.0	440
1136607	7 G6	17.0	505.0	672
1136614	4 G10	17,2	535.0	680
1136615	5 G10	19,5	592.0	824
1136624	4 G16	20,2	800.0	1050
1136625	5 G16	22,6	895.0	1285
1136634	4 G25	25,1	1075.0	1413
1136635	5 G25	28.0	1400.0	1976
1136638	4 G35	28.0	1576.0	2070