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
EMC-compliant
Thin and light, without inner sheath



Interference signals

Good chemical resistance

Benefits
Space-saving installation due to small cable diameters

Application range
Measurement and control technology
Office machines and systems for data processing

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

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PN 0456 / 02_03.16

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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 (RAL 7001)

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:	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: -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 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.

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PRODUCT INFORMATION

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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	45
1136003	3 G 0.5	6.1	43	59
1136753	3 X 0.5	6.1	43	59
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	6.5	51	71
1136203	3 G 1	6.8	62	86
1136853	3 X 1	6.8	62	86
1136204	4 G 1	7.3	74	98
1136854	4 X 1	7.3	74	98

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1136205	5 G 1	8.1	88	121
1136855	5 X 1	8.1	88	121
1136207	7 G 1	8.8	112	147
1136857	7 X 1	8.8	112	147
1136212	12 G 1	11.5	185	285
1136218	18 G 1	13.9	268	395
1136225	25 G 1	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	11.6	248	305
1136507	7 G 4	14.4	355	500
1136604	4 G 6	14.2	343	440
1136607	7 G 6	17	505	672
1136614	4 G 10	17.2	495	680
1136615	5 G 10	19.5	592	824
1136624	4 G 16	20.2	800	1050

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Article number	Number of cores and mm² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
1136625	5 G 16	22.6	895	1285
1136634	4 G 25	25.1	1075	1413
1136635	5 G 25	28	1400	1976
1136638	4 G 35	28	1576	2070

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