

Various applications

PVC outer sheath and numbered cores



ÖLFLEX® CLASSIC 115 CY

Screened PVC control cable with small outer diameter



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

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
- Plastic foil wrapping
- Tinned-copper braiding
- PVC outer sheath, grey (RAL 7001)

Info

- EMC-compliant
- Thin and light, without inner sheath

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
- 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**
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

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® CLASSIC 115 CY				
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
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

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
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
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	1,075.0	1413
1136635	5 G25	28.0	1,400.0	1976
1136638	4 G35	28.0	1,576.0	2070

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 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.

Similar products

- ÖLFLEX® ROBUST 215 C refer to page 68
- ÖLFLEX® CLASSIC 110 CY refer to page 36

Accessories

- 3M Scotch™ 1183 screening tape refer to page 946
- SKINTOP® MS-M BRUSH refer to page 675