

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 (22.10.2024)

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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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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 \leq 30 kg or \leq 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 mm ² per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|------------------------|---|---------------------|----------------------|----------------|
| ÖLFLEX® CLASSIC 115 CY | | | | |
| 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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| Article number | Number of cores and mm ² per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|----------------|---|---------------------|----------------------|----------------|
| 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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