

ÖLFLEX® CLASSIC 110 LT

Cold flexible PVC control cable, suitable for low temperatures as well as outdoor use

ÖLFLEX® CLASSIC 110 LT - PVC control cable, cold-resistant, flexible, UV-resistant, for low temperature and outdoor use, 300/500V, also for YSLY or YY arctic grade

Info

CPR: Article number choice under www.lappkabel.com/cpr

UV and weather-resistant according to ISO 4892-2



Suitable for outdoor use



Cold-resistant



Torsion-resistant



UV-resistant

Benefits

Inexpensive control cable for flexing outdoor use

Space-saving installation due to small cable diameters

High electrical performance due to 4 kV test voltage

Application range

Plant engineering

Industrial machinery

Heating and air-conditioning systems

Freezing plants, cold storage

Suitable for outdoor applications

Suitable for torsional applications which are typical for the loop in wind turbine generators (WTG)

Last Update (23.04.2024)

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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

ÖLFLEX® CLASSIC 110 LT

Product features

Flame-retardant according IEC 60332-1-2
Flexible down to -30°C
UV and weather-resistant according to ISO 4892-2
Ozone-resistant according to EN 50396

Norm references / Approvals

Based on EN 50525-2-51

Product Make-up

Fine-wire strand made of bare copper wires
Core insulation: PVC, cold-resistant
Cores twisted in layers
Outer sheath: PVC, cold-resistant, black

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-2, refer to Appendix T0 |
| Minimum bending radius: | Occasional flexing: 15 x outer diameter Fixed installation: 4 x outer diameter |
| Nominal voltage: | U0/U: 300/500 V |
| Test voltage: | 4000 V |
| Protective conductor: | G = with GN-YE protective conductor X = without protective conductor |
| Temperature range: | Occasional flexing: -30°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 mm ² per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|----------------|---|---------------------|----------------------|----------------|
| 1120730 | 2 X 0.75 | 5.4 | 14.4 | 45 |
| 1120731 | 3 X 0.75 | 5.7 | 21.6 | 55 |
| 1120732 | 3 G 0.75 | 5.7 | 21.6 | 55 |
| 1120733 | 4 X 0.75 | 6.2 | 28.8 | 66 |
| 1120734 | 4 G 0.75 | 6.2 | 28.8 | 66 |
| 1120735 | 5 G 0.75 | 6.7 | 36 | 79 |
| 1120736 | 7 G 0.75 | 7.3 | 50.4 | 101 |
| 1120737 | 12 G 0.75 | 9.9 | 86.4 | 171 |
| 1120738 | 18 G 0.75 | 11.7 | 130 | 244 |
| 1120739 | 25 G 0.75 | 13.8 | 180 | 337 |
| 1120740 | 2 X 1.0 | 5.7 | 19.2 | 53 |
| 1120741 | 3 X 1.0 | 6 | 28.8 | 65 |
| 1120742 | 3 G 1.0 | 6 | 28.8 | 65 |
| 1120743 | 4 X 1.0 | 6.5 | 38.4 | 79 |
| 1120744 | 4 G 1.0 | 6.5 | 38.4 | 79 |
| 1120745 | 5 G 1.0 | 7.1 | 48 | 94 |
| 1120746 | 7 G 1.0 | 8 | 67.2 | 126 |
| 1120747 | 12 G 1.0 | 10.5 | 115 | 205 |
| 1120748 | 18 G 1.0 | 12.7 | 173 | 300 |
| 1120749 | 25 G 1.0 | 14.7 | 240 | 408 |
| 1120750 | 2 X 1.5 | 6.3 | 29 | 68 |
| 1120751 | 3 X 1.5 | 6.7 | 43 | 84 |
| 1120752 | 3 G 1.5 | 6.7 | 43 | 84 |
| 1120753 | 4 X 1.5 | 7.2 | 58 | 104 |
| 1120754 | 4 G 1.5 | 7.2 | 58 | 104 |
| 1120755 | 5 X 1.5 | 8.1 | 72 | 128 |
| 1120756 | 5 G 1.5 | 8.1 | 72 | 128 |
| 1120757 | 7 X 1.5 | 8.9 | 101 | 166 |
| 1120758 | 7 G 1.5 | 8.9 | 101 | 166 |
| 1120759 | 12 G 1.5 | 12 | 173 | 279 |
| 1120760 | 18 G 1.5 | 14.4 | 259 | 407 |
| 1120761 | 25 G 1.5 | 16.9 | 360 | 560 |
| 1120762 | 2 X 2.5 | 7.5 | 48 | 101 |
| 1120763 | 3 G 2.5 | 8.1 | 72 | 132 |

Last Update (23.04.2024)

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| Article number | Number of cores and mm ² per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|----------------|---|---------------------|----------------------|----------------|
| 1120764 | 4 G 2.5 | 8.9 | 96 | 163 |
| 1120765 | 5 G 2.5 | 10 | 120 | 200 |
| 1120766 | 7 G 2.5 | 11.1 | 168 | 267 |
| 1120767 | 12 G 2.5 | 14.8 | 288 | 445 |
| 1120768 | 18 G 2.5 | 17.8 | 432 | 648 |
| 1120769 | 25 G 2.5 | 20.8 | 600 | 890 |
| 1120770 | 4 G 4.0 | 10.8 | 154 | 249 |
| 1120771 | 5 G 4.0 | 12.1 | 192 | 305 |
| 1120772 | 4 G 6.0 | 13 | 230 | 365 |
| 1120773 | 5 G 6.0 | 14.5 | 288 | 447 |

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