

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 (27.04.2024)

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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

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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

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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