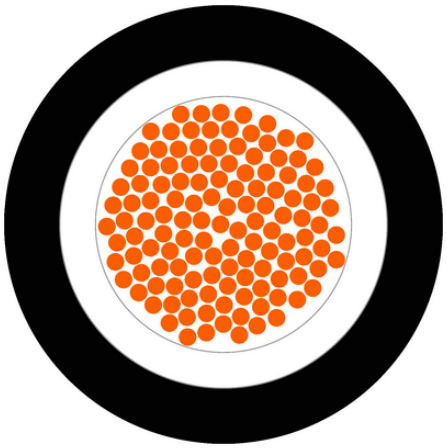
ÖLFLEX® CLASSIC 128 H BK SC

Cost-effective halogen-free single core power cable with improved fire characteristics, 0,6/1kV

ÖLFLEX® CLASSIC 128 H BK SC, Single core power cable, halogen-free, highly flame retardant, HFFR, flexible, conductor class 5, public buildings

Info

For space-saving and cost-effective installation
For use within public buildings and industrial plants
CPR: Article number choice under www.lappkabel.com/cpr



Suitable for outdoor use

Flame-retardant

Halogen-free

Torsion load

UV-resistant

Benefits

Easy handling and installation due to flexible design
Intended for use under the European Construction Product Regulation (CPR), refer to catalogue appendix T14
Halogen-free and highly flame-retardant materials reduce the risk of fire propagation, high smoke density and toxic fumes in case of fire
Variants 'RD' and 'WH' with red respectively white insulation colour for DC systems according to DIN EN 60445.

Application range

For use within public buildings and industrial plants

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Plant engineering
Industrial machinery
Heating and air-conditioning systems
Particularly where human and animal life as well as valuable property are exposed to high risk of fire hazards
Suitable for outdoor applications
For use within public buildings, transport systems and industrial plants

Product features

Flame-retardant according to IEC 60332-1-2
(flame spread on a single cable)
No flame-propagation according to IEC 60332-3-24 respectively IEC 60332-3-25 (Flame spread on vertical cable or wire bundle)
Halogen-free according to IEC 60754-1
(amount of halogen acid gas)
Corrosiveness of combustion gases according to IEC 60754-2 (degree of acidity)
Low smoke density according to IEC 61034-2
UV and weather-resistant according to ISO 4892-2
Ozone-resistant according to EN 50396

Norm references / Approvals

Based on EN 50525-3-11

Product Make-up

Fine-wire strand made of bare copper wires
Core insulation: Halogen-free
Outer sheath made of special halogen-free coumpound, black

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000057 ETIM 5.0 Class-Description: Low voltage power cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000057 ETIM 6.0 Class-Description: Low voltage power cable
Core identification code:	Black or green-yellow, other colours available on request
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: 15 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage:	U0/U: 600/1000 V DC (core-ground): max. 0,75 kV DC (core-core): max. 1,5 kV
Test voltage:	4000 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.

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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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PRODUCT INFORMATION

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Article number	Number of cores and mm² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
1123800	1 X 16.0	9.6	black	153.6	219
1123811	1 G 16.0	9.6	green-yellow	153.6	219
1123821	1 X 16	9.6	white	153.6	219
1123831	1 X 16	9.6	red	153.6	219
1123801	1 X 25	11.3	black	240	327
1123812	1 G 25	11.3	green-yellow	240	327
1123822	1 X 25	11.3	white	240	327
1123832	1 X 25	11.3	red	240	327
1123802	1 X 35	12.5	black	336	436
1123813	1 G 35	12.5	green-yellow	336	436
1123823	1 X 35	12.5	white	336	436
1123833	1 X 35	12.5	red	336	436
1123803	1 X 50	15.1	black	480	587
1123814	1 G 50	15.1	green-yellow	480	587
1123824	1 X 50	15.1	white	480	587
1123834	1 X 50	15.1	red	480	587
1123804	1 X 70	17.0	black	672	798
1123815	1 G 70	17.0	green-yellow	672	798
1123825	1 X 70	17	white	672	798
1123835	1 X 70	17	red	672	798
1123805	1 X 95	19.6	black	912	1044
1123816	1 G 95	19.6	green-yellow	912	1044
1123826	1 X 95	19.6	white	912	1044
1123836	1 X 95	19.6	red	912	1044
1123806	1 X 120	22.4	black	1152	1339
1123817	1 G 120	22.4	green-yellow	1152	1339
1123827	1 X 120	22.4	white	1152	1339
1123837	1 X 120	22.4	red	1152	1339
1123807	1 X 150	24.2	black	1440	1633
1123818	1 G 150	24.2	green-yellow	1440	1633
1123828	1 X 150	24.2	white	1440	1633
1123838	1 X 150	24.2	red	1440	1633
1123808	1 X 185	26.3	black	1776	1943
1123819	1 G 185	26.3	green-yellow	1776	1943

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Article number	Number of cores and mm² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
1123829	1 X 185	26.3	white	1776	1943
1123839	1 X 185	26.3	red	1776	1943
1123809	1 X 240	30.8	black	2304	2597
1123820	1 G 240	30.8	green-yellow	2304	2597
1123830	1 X 240	30.8	white	2304	2597
1123840	1 X 240	30.8	red	2304	2597

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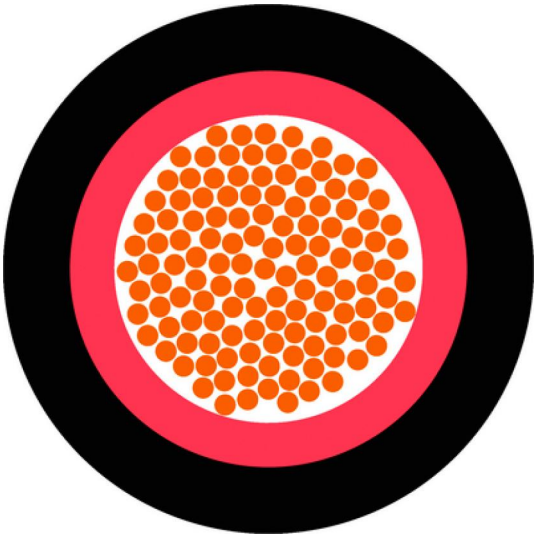

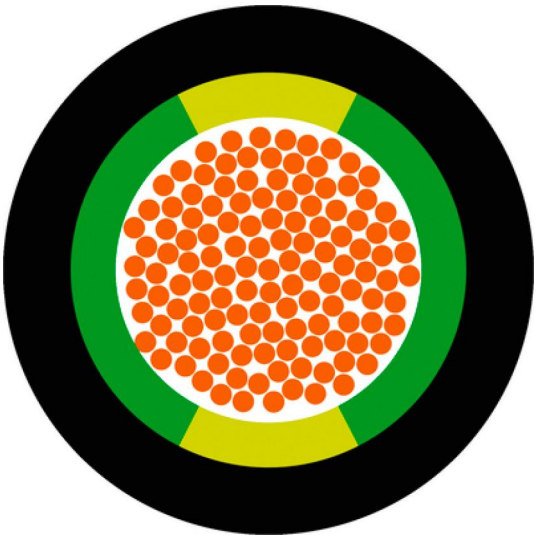

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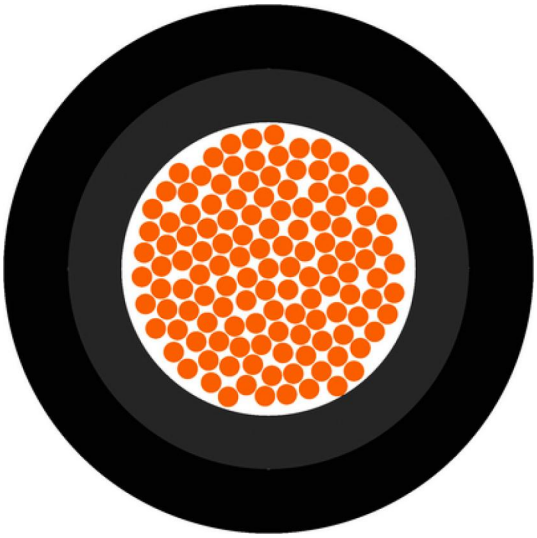

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