

## ÖLFLEX® 127 HSLH

Halogen-free control cable, flexible and inexpensive, with CPR Cca, for building wiring

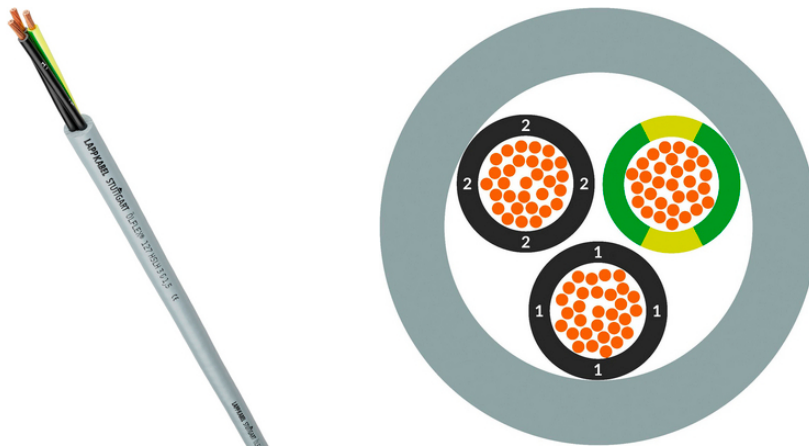
ÖLFLEX® 127 HSLH - halogen-free control cable, HFFR, flexible for various applications, U<sub>0</sub>/U: 300/500V, CPR Cca classified

### Info

Cca classified according to CPR

For use within public buildings and industrial plants

CPR: Article number choice under [www.lappkabel.com/cpr](http://www.lappkabel.com/cpr)



Flame-retardant



Halogen-free

### Benefits

Easy handling and installation due to flexible design

Halogen-free and highly flame-retardant materials reduce the risk of fire propagation, high smoke density and toxic fumes in case of fire

Classified fire behavior according to EU Directive 305/2011 (CPR) with article number selection under [www.lappkabel.com/cpr](http://www.lappkabel.com/cpr)

High electrical performance due to 4 kV test voltage

### Application range

Public buildings like airports or railway stations

Plant engineering, Industrial machinery

Heating and air-conditioning systems

Stage applications

Intended for use under the European Construction Product Regulation (CPR), refer to catalogue appendix T14

Particularly where human and animal life as well as valuable property are exposed to high risk of fire hazards

### Product features

Flame-retardant according to IEC 60332-1-2

(flame spread on a single cable)

Last Update (29.01.2023)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

## ÖLFLEX® 127 HSLH

No flame-propagation according to IEC 60332-3-22 and 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

Toxicity according to NES 713-3 and EN 50306-1

### Norm references / Approvals

Based on EN 50525-3-11

Based on EN 50525-2-51

### Product Make-up

Fine-wire strand made of bare copper wires

Core insulation: Halogen-free

Cores twisted in layers

Outer sheath: Special halogen-free compound, grey (similar to 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
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: -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](http://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 <sup>2</sup> per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
1127408	2 X 0.75	5.5	14.4	43
1127409	3 G 0.75	5.8	21.6	53
1127413	5 G 0.75	6.9	36	80
1127415	7 G 0.75	7.5	50.4	101
1127417	12 G 0.75	10.1	86.4	181
1127418	18 G 0.75	12.0	129.6	263
1127420	2 X 1.0	5.8	19.2	51
1127421	3 G 1.0	6.1	28.8	63
1127423	4 G 1.0	6.6	38.4	78
1127425	5 G 1.0	7.3	48	96
1127426	7 G 1.0	8.1	67.2	126
1127427	12 G 1.0	10.7	115.2	220
1127428	18 G 1.0	12.9	172.8	325
1127429	2 X 1.5	6.4	28.8	67
1127430	3 G 1.5	6.8	43.2	85
1127432	4 G 1.5	7.4	57.6	106
1127433	5 G 1.5	8.3	72	134
1127434	7 G 1.5	9.0	100.8	172
1127435	12 G 1.5	12.2	172.8	307
1127436	3 G 2.5	8.3	72	133
1127437	4 G 2.5	9.0	96	167
1127438	5 G 2.5	10.1	120	210
1127440	4 G 4.0	10.8	153.6	254
1127441	5 G 4.0	12.1	192	318
1127442	4 G 6.0	13.0	230.4	375
1127443	5 G 6.0	14.5	288	468
1127445	5 G 10.0	18.1	480	757
1127447	5 G 16.0	21.2	768	1112
1127449	5 G 25.0	26.4	1200	1711

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