

H07Z1-K Type 2

Harmonised; halogen-free to protect human life, the environment and material assets

H07Z1-K Type 2, <HAR>, halogen-free single core, +70 °C, harmonised, for wiring in control cabinets, nominal voltage 450/750V

Info

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

Halogen-free and harmonised (HAR) up to +70 °C

For expanded ambient temperatures
and higher conductor cross-sections
see H07Z-K 90 °C



Halogen-free

Benefits

Protection of human life and the environment thanks to the avoidance of the formation of acid in case of fire

Time-saving assembly

Application range

For wiring of lamps, devices, switchgear cabinets and distribution boxes

For installation in tubes, on, in and under plaster as well as in closed installation ducts

In building with a high density of people or valuable assets

For use in dry rooms

For expanded ambient temperatures

and higher conductor cross-sections

see H07Z-K 90 °C

Product features

The insulation material is halogen-free and free of other materials which could release toxic gases in the event of fire

Low amount of corrosive gases in the event of fire

Low smokes/low smoke density in the event of fire according to IEC 61034

Flame-retardant according to IEC 60332-1-2 and bundle flame test according to IEC 60332-3-24

Last Update (25.01.2026)

©2026 Lapp Group - Technical changes reserved

Product Management www.lappkabel.de

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

PN 0456 / 02_03.16

H07Z1-K Type 2

Norm references / Approvals

<HAR> cable type certification acc. EN 50525-3-31

Product Make-up

Fine-wire strand made of bare copper wires

Core insulation: Halogen-free

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000993 ETIM 5.0 Class-Description: Single core cable
Conductor stranding:	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius:	According to EN 50565-1 OD ≤ 8 mm: 4 x OD*/2 x OD**; 8 < OD ≤ 12 mm: 5 x OD*/3 x OD**; OD > 12 mm: 6 x OD*/4 x OD**
Nominal voltage:	U0/U: 450/ 750 V
Test voltage:	2500 V
Current rating:	VDE 0298-4 EN 50565-1/ VDE 0298-565-1
Temperature range:	During installation: +5°C bis +70°C Fixed installation: -40°C bis +70°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.

Packaging size: Coil ≤ 30 kg, otherwise drum

* Trade product, no Lapp product

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.

*for conventional use, **for careful bending; "OD" = outer diameter

H07Z1-K Type 2

Article number	Conductor cross-section (mm ²)	Outer diameter [mm]	Core colour	m/ring	Copper index (kg/km)	Weight (kg/km)
4724060	1.5	2.8 - 3.4	black	100	14.4	20
4724061	1.5	2.8 - 3.4	brown	100	14.4	20
4724062	1.5	2.8 - 3.4	grey	100	14.4	20
4724063	1.5	2.8 - 3.4	blue	100	14.4	20
4724064	1.5	2.8 - 3.4	green/yellow	100	14.4	20
4724065	2.5	3.4 - 4.1	black	100	24	32
4724066	2.5	3.4 - 4.1	brown	100	24	32
4724067	2.5	3.4 - 4.1	grey	100	24	32
4724068	2.5	3.4 - 4.1	blue	100	24	32
4724069	2.5	3.4 - 4.1	green/yellow	100	24	32
4724070	4	3.9 - 4.8	black	100	38	45
4724071	4	3.9 - 4.8	brown	100	38	45
4724072	4	3.9 - 4.8	grey	100	38	45
4724073	4	3.9 - 4.8	blue	100	38	45
4724074	4	3.9 - 4.8	green/yellow	100	38	45
4724075	6	4.4 - 5.3	black	100	58	65
4724076	6	4.4 - 5.3	brown	100	58	65
4724077	6	4.4 - 5.3	grey	100	58	65
4724078	6	4.4 - 5.3	blue	100	58	65
4724079	6	4.4 - 5.3	green/yellow	100	58	65
4724080	10	5.7 - 6.8	black	100	96	110
4724081	10	5.7 - 6.8	brown	100	96	110
4724082	10	5.7 - 6.8	grey	100	96	110
4724083	10	5.7 - 6.8	blue	100	96	110
4724084	10	5.7 - 6.8	green/yellow	100	96	110
4724085	16	6.7 - 8.1	black	100	154	170
4724086	16	6.7 - 8.1	brown	100	154	170
4724087	16	6.7 - 8.1	grey	100	154	170
4724088	16	6.7 - 8.1	blue	100	154	170
4724089	16	6.7 - 8.1	green/yellow	100	154	170

Last Update (25.01.2026)

©2026 Lapp Group - Technical changes reserved

 Product Management www.lappkabel.de

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

PN 0456 / 02_03_16