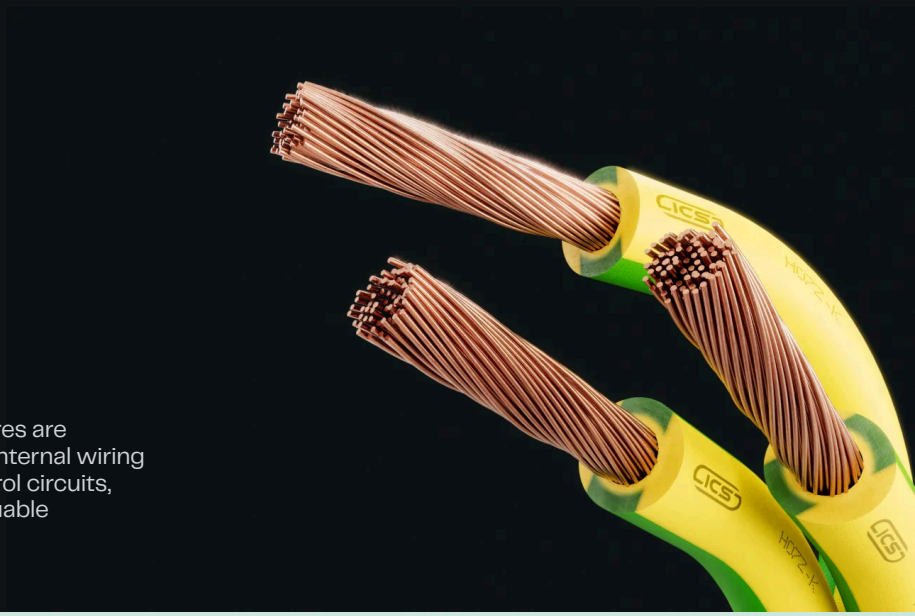
We Make Modern Life Possible.



INSTALLATION AND HARMONISED CABLES AND WIRES

H07Z-K

XLPE insulated wire, halogen-free

These halogen-free and flame retardant single cores are intended for fixed and protected installations, for internal wiring of equipment and lightings, for signaling and control circuits, especially for the protection of human life and valuable equipment.

TECHNICAL DATA

Standard
EN 50525-3-41

Test Voltage
2500 V / 50 Hz

Rated Voltage
450/750 V (Uo/U)

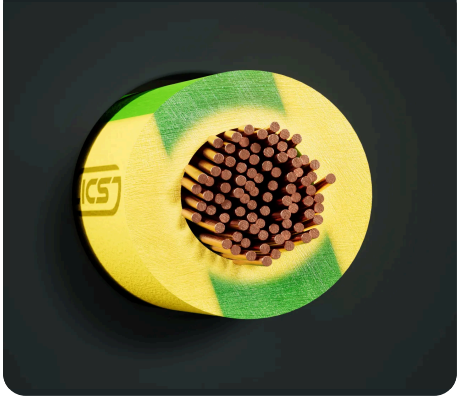
Bending radius (min.)
Fixed installation: 3 x Ø up to 12 mm
4 x Ø over 12 mm
Flexible use: 5 x Ø up to 12 mm
6 x Ø over 12 mm

Fire properties
EN 60332-1-2: self-extinguishing and flame retardant

Core identification
According to EN 50525-1 - black, white, blue, brown, red, orange, violet, pink, green/yellow, yellow, green, grey

Temperature range
Fixed installation: -40°C up to 90°C
Flexible use: -20°C up to 90°C

DESIGN



1. Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228
2. Core insulation of special halogen-free, flame retardant compound based on cross-linked polymer (XLPE)

Number of cores x nominal cross-section	Outer diameter appr. (mm)	Cu-value (kg/km)	Total weight appr. (kg/km)
1 x 1.5	2.9	14.4	20
1 x 2.5	3.6	24	31
1 x 4	4.8	38	51
1 x 6	6.0	58	71
1 x 10	6.7	96	118
1 x 16	8.2	154	180
1 x 25	10.2	240	278
1 x 35	11.5	336	375
1 x 50	13.6	480	560
1 x 70	16.0	672	780
1 x 95	18.4	912	952
1 x 120	20.3	1152	1200
1 x 150	22.7	1440	1530
1 x 185	25.3	1776	1900
1 x 240	28.3	2304	2450

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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