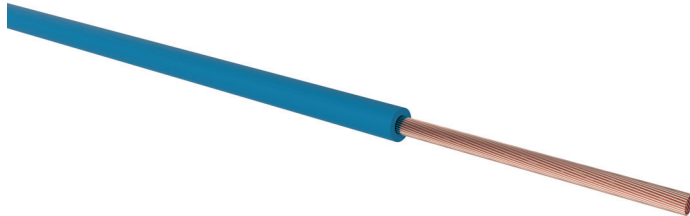


H07Z-K

XLPE insulated wire, halogen-free

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)

APPLICATION

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



Rated voltage:
450/750 V (U₀/U)



Test voltage:
2500 V



Temperature range:
fixed installation: -40 °C up to 90 °C
flexible use: -20 °C up to 90 °C



Bending radius (min.):
fixed installation: 3 x Ø up to 12 mm
4 x Ø over 12 mm
flexible use: 4 x Ø up to 12 mm
5 x Ø up to 20 mm
6 x Ø over 20 mm



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



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

Number of cores x nominal cross-section (mm ²)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
H07Z-K			
1 x 1.5	2.9	14.4	20
1 x 2.5	3.6	24.0	31
1 x 4	4.8	38.0	51
1 x 6	6.0	58.0	71
1 x 10	6.7	96.0	118
1 x 16	8.2	154.0	180
1 x 25	10.2	240.0	278
1 x 35	11.5	336.0	375
1 x 50	13.6	480.0	560
1 x 70	16.0	672.0	780
1 x 95	18.4	912.0	952
1 x 120	20.3	1152.0	1200
1 x 150	22.7	1440.0	1530
1 x 185	25.3	1776.0	1900
1 x 240	28.3	2304.0	2450

Technical changes reserved. All figures are therefore without guarantee.

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