

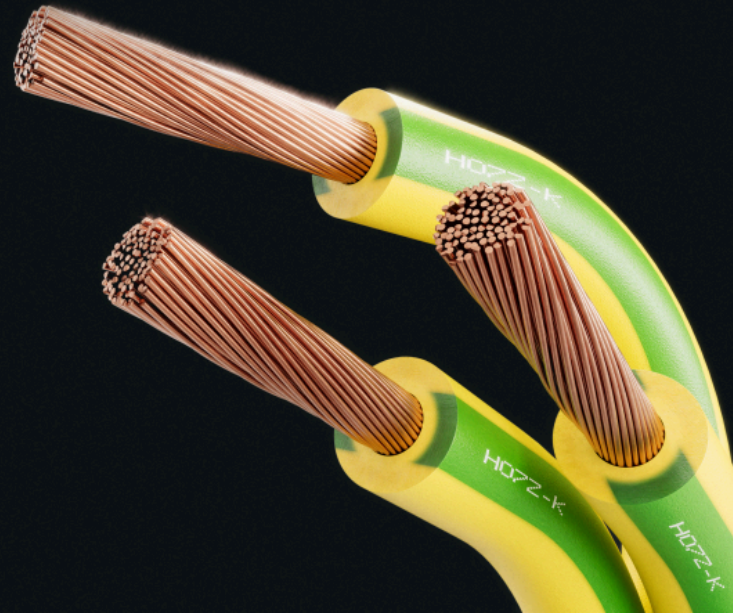


H07Z-K

Insulated wire, halogen-free, fine wire

HALOGEN-FREE INSTALLATION CABLES

For fixed installation in conduits on or under plaster. Suitable for protected installation in and on lighting facilities or control devices for voltages up to 750 V AC or 1,000 V DC against ground. Suitable for hotels, hospitals, underground railways, airports etc. to protect people and technical building equipment in the event of fire.



TECHNICAL DATA



Standard

EN 50525-3-41



Test Voltage

2.5 kV



Rated Voltage

450/750 V (U₀/U)



Bending radius (min.)

5 x Ø of wire (fixed installed)

12 x Ø of wire (free motion)



Fire properties

EN 60332-1-2: flame retardant

EN 60754-1 and 2: halogen-free; non-corrosive combustion gases

EN 61034-2: low smoke emission

CPR classification: Eca



Core identification

HD 308 S2

DESIGN



1

Copper conductor, fine wire (-K)

2

Core insulation (XLPE)

Nominal cross-section (mm ²)	Core colours	Max. conductor resistance (Ω/km)	Outer diameter appr. (mm)	Total weight appr. (kg/km)	Standard lengths/packing (m)
1.5	bk, rd, gy, wh, gnye	13.3	3	19	100 R
2.5	bk, bn, rd, gn, bu, gy, wh, gnye	7.98	3.6	31	100 R
4	bk, bn, bu, gy, gnye	4.95	4.3	45	100 R
6	bk, bn, bu, gy, gnye	3.3	4.8	63	100 R
10	bk, bn, bu, gy, gnye	1.91	6.3	108	100 R
16	bk, bn, bu, gy, gnye	1.21	7.3	162	100 R
25	bk, bn, bu, gy, gnye	0.78	9.2	252	500 T, 1000 T
35	bk	0.554	10.1	338	500 T, 1000 T
50	bk	0.386	12.2	481	500 T, 1000 T
70	bk	0.272	14.1	670	500 T, 1000 T
95	bk	0.206	15.9	888	500 T, 1000 T
120	bk	0.161	17.8	1008	500 T, 1000 T
150	bk	0.129	19.7	1391	500 T, 1000 T
185	bk	0.106	22	1686	500 T, 1000 T
240	bk	0.0801	25.2	2212	500 T, 1000 T

CONTACT PERSON

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