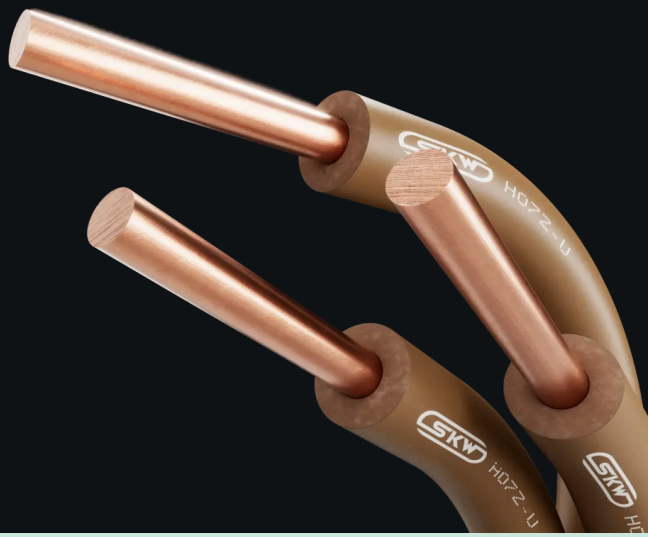
We Make Modern Life Possible.



HALOGEN-FREE CABLES AND WIRES

H07Z-U

Insulated wire, halogen-free, solid

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 / 50 Hz

Rated Voltage
450/750 V (Uo/U)

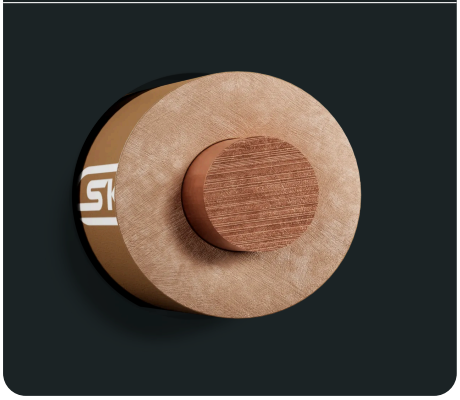
Bending radius (min.)
4 x Ø of wire

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

Temperature range
Laying temperature: min. 5°C
Operating temperature: -5°C up to 90°C
Conductor temperature: max. 90°C
Short circuit temperature: max. 250°C

DESIGN



1. Copper conductor, solid wire (-U)
2. Core insulation (XLPE)

Nominal cross-section (mm²)	Core colours	Max. conductor resistance (Ω/km)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
1.5	bk, bn, bu, gnye	12.1	3.0	20
2.5	bk, bn, bu, gnye	7.4	3.5	30
4	bk, bn, bu, gnye	4.6	4.0	45
6	bk, bn, bu, gnye	3.1	5.0	65
10	bk, bn, bu, gnye	1.8	6.5	110
16	bk, bn, bu, gnye	1.2	7.5	175

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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