We Make Modern Life Possible.



HALOGEN-FREE CABLES AND WIRES

H07Z-R

Insulated wire, halogen-free, multi core

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 (Uo/U)

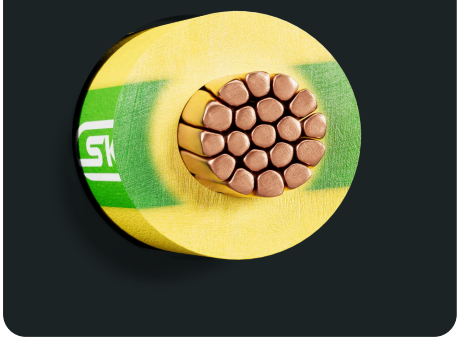
Bending radius (min.)
4 x Ø of wire

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, stranded wire (-R)
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)
6	bk, bn, bu, gnye	3.1	5.0	65	500 T, 1000 T
10	bk, bn, bu, gnye	1.8	6.5	110	500 T, 1000 T
16	bk, bn, bu, gnye	1.2	7.5	175	500 T, 1000 T
25	bk, bn, bu, gnye	0.7	9.0	275	500 T, 1000 T
35	bk, gnye	0.5	10.0	365	500 T, 1000 T
50	bk, gnye	0.4	12.0	490	500 T, 1000 T
70	bk, gnye	0.3	14.0	700	500 T, 1000 T
95	bk, gnye	0.2	1.0	920	500 T, 1000 T
120	bk, gnye	0.2	18.5	1150	500 T, 1000 T
150	bk, gnye	0.1	20.5	1400	500 T, 1000 T
185	bk, gnye	0.1	22.5	1760	500 T, 1000 T
240	bk, gnye	0.1	25.5	2300	500 T, 1000 T

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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