



H07Z-U

Insulated wire, halogen-free, solid

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 / 50 Hz



Rated Voltage
450/750 V (U_o/U)



Bending radius (min.)
4 x ϕ of wire



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, solid wire (-U)
- 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)
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

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