

## H07Z-U



### Application

Halogen-free single-core wires are used for installation in dry environments for wiring up lighting fixtures and units where valuable assets are to be protected from further damage resulting from fire. These cables may be installed on, in and beneath plaster, as well as in closed installation ducts.

### Standards

DIN EN 50525-3-41; VDE 0285-525-3-41:2012-01,  
DIN EN 60754-1 VDE 0482-754-1:2021-02, EN 60684-2,  
DIN EN 61034-2

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

### Construction

**Inner Conductor** plain Cu wire conductor, single-wire, according to DIN VDE 0295 cl. 1, BS 6360 cl. 1 and IEC 60228 cl. 1, HD 383  
**Core Insulation** cross-linked polyolefin, compound type EI5 to DIN VDE 0282 part 1

### Technical Data

|                                     |                               |
|-------------------------------------|-------------------------------|
| <b>Nominal Voltage</b>              | U <sub>0</sub> /U: 450 /750 V |
| <b>Nominal Voltage DC</b>           | U <sub>0</sub> /U: 0 /0       |
| <b>Test Voltage</b>                 | 2500 V                        |
| <b>Bending Radius moved (xD)</b>    | 2                             |
| <b>Bending Radius fixed (xD)</b>    | 4                             |
| <b>Operating Temperature solid</b>  | -25 °C bis 90 °C              |
| <b>Operating Temperature moving</b> | 5 °C bis 90 °C                |
| <b>Short Circuit Temperature</b>    | 250 °C                        |
| <b>Short Circuit Duration</b>       | 5 sek.                        |
| <b>Fire Classes</b>                 | Fca                           |

### Application

Halogen-free single-core wires are used for installation in dry environments for wiring up lighting fixtures and units where valuable assets are to be protected from further damage resulting from fire. These cables may be installed on, in and beneath plaster, as well as in closed installation ducts.

### Standards

DIN EN 50525-3-41; VDE 0285-525-3-41:2012-01,  
DIN EN 60754-1 VDE 0482-754-1:2021-02, EN 60684-2,  
DIN EN 61034-2

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

### Construction

**Inner Conductor** plain Cu wire conductor, single-wire, according to DIN VDE 0295 cl. 1, BS 6360 cl. 1 and IEC 60228 cl. 1, HD 383  
**Core Insulation** cross-linked polyolefin, compound type EI5 to DIN VDE 0282 part 1

### Technical Data

|                                     |                               |
|-------------------------------------|-------------------------------|
| <b>Nominal Voltage</b>              | U <sub>0</sub> /U: 450 /750 V |
| <b>Nominal Voltage DC</b>           | U <sub>0</sub> /U: 0 /0       |
| <b>Test Voltage</b>                 | 2500 V                        |
| <b>Bending Radius moved (xD)</b>    | 2                             |
| <b>Bending Radius fixed (xD)</b>    | 4                             |
| <b>Operating Temperature solid</b>  | -25 °C to 90 °C               |
| <b>Operating Temperature moving</b> | 5 °C to 90 °C                 |
| <b>Short Circuit Temperature</b>    | 250 °C                        |
| <b>Short Circuit Duration</b>       | 5 sek.                        |
| <b>Fire Classes</b>                 | Fca                           |

| Prod. Nr. | Dimensions | Color   | Weight (kg/km) approx. | Outer-Diameter (mm) approx. |
|-----------|------------|---|------------------------|-----------------------------|
| Prod. Nr. | Dimensions | Color   | Weight (kg/km) approx. | Outer-Diameter (mm) approx. |
| 01921001  | 1 x 1,5    | black - black   | 20,0                   | 3,0                         |
| 01921003  | 1 x 1,5    | green/yellow - green/yellow                                   | 20,0                   | 3,0                         |
| 01921002  | 1 x 1,5    | light blue (similar RAL 5012) - light blue (similar RAL 5012) | 20,0                   | 3,0                         |
| 01921004  | 1 x 1,5    | brown - brown   | 20,0                   | 3,0                         |
| 01921014  | 1 x 1,5    | red - red   | 20,0                   | 3,0                         |
| 01921033  | 1 x 1,5    | violet - violet   | 20,0                   | 3,0                         |
| 01921027  | 1 x 1,5    | white - white   | 20,0                   | 3,0                         |
| 01921028  | 1 x 1,5    | grey - grey   | 20,0                   | 3,0                         |
| 01921032  | 1 x 1,5    | orange - orange   | 20,0                   | 3,0                         |
| 01921005  | 1 x 2,5    | black - black   | 30,0                   | 3,4                         |
| 01921006  | 1 x 2,5    | light blue (similar RAL 5012) - light blue (similar RAL 5012) | 30,0                   | 3,4                         |
| 01921034  | 1 x 2,5    | brown - brown   | 30,0                   | 3,4                         |
| 01921007  | 1 x 2,5    | green/yellow - green/yellow                                   | 30,0                   | 3,4                         |
| 01921015  | 1 x 2,5    | red - red   | 30,0                   | 3,4                         |
| 01921016  | 1 x 2,5    | white - white   | 30,0                   | 3,4                         |
| 01921035  | 1 x 2,5    | grey - grey   | 30,0                   | 3,4                         |