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# HAR PROFINET Typ C 4xAWG22/7 trail. 500m

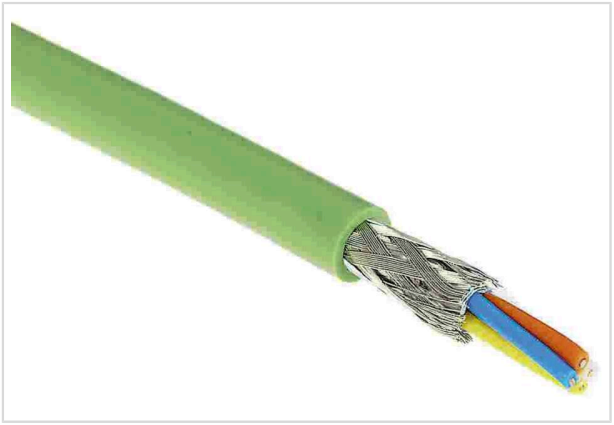


Image is for illustration purposes only. Please refer to product description.

| | |
|---|---|
| Part number | 09 45 600 0111 |
| Specification | HAR PROFINET Typ C 4xAWG22/7 trail. 500m |
| HARTING eCatalogue | https://harting.com/09456000111 |

## Identification

| | |
|---|---|
| Category | System cabling |
| Element | Bulk cables |
| Specification | Not assembled |
| Type of cable | Copper cable (round) |
| Description of the cable | Flame retardant<br>Oil resistant<br>UV resistant |
| Printing on cable | HARTING INDUSTRIAL ETHERNET TRAILING CABLE CAT 5 PLUS * 22AWG (SHIELDED) c(UL)us E356671 CMX 75°C VERIFIED (UL) CAT 5E PATCH CABLE FRNC or UR AWM 21238 80°C 600V |

## Version

| | |
|---|---|
| Cable length | 500 m |
| Number of cores | 4 |
| Core structure | 4x AWG 22/7 |

## Technical characteristics

| | |
|---|---|
| Transmission characteristics | Cat. 5 Class D up to 100 MHz |
| Data rate | 10 Mbit/s<br>100 Mbit/s |
| Limiting temperature | -40 ... +70 °C unmoved<br>-20 ... +60 °C moved |
| Minimum bending radius | 7x Cable diameter (repeated bending)<br>3x Cable diameter (singular bending) |
| Drag chain compatible | Yes |
| Bending cycles | ≥ 3.000.000 & traversing distance ≤ 0.2 m & speed ≤ 4 m/s & acceleration ≤ 4 m/s² |


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## Technical characteristics

| | |
|---|---|
| Tensile strength | ≤150 N |
| Coupling attenuation @ 20 °C / 10 MHz | 20 mΩ/m |
| Conductor resistance @ 20 °C | ≤120 Ω/km |
| Insulation resistance @ 20 °C | ≥500 MΩ x km |
| Signal run time @ 20 °C | ≤5.3 ns/m |
| Impedance @ 100 MHz | 100 Ω ±5 % |

## Material properties

| | |
|---|---|
| Material (cable) | PUR (polyurethane) |
| Colour (cable) | Green |
| RoHS | compliant |
| ELV status | compliant |
| China RoHS | e |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Not contained |
| California Proposition 65 substances | Not contained |

## Specifications and approvals

| | |
|---|---|
| Specifications | EN 13602<br>EN 50290-2-23<br>F45052-F5100<br>IEC 60332-1-2 Flame retardancy<br>EN 60811-2-1 Oil resistance<br>UN/ECE-R 118 fire protection for rolling stock |
| PROFINET | Yes |

## Commercial data

| | |
|---|---|
| Packaging size | 1 |
| Net weight | 33,000 g |
| Country of origin | Germany |
| European customs tariff number | 85444995 |
| GTIN | 5713140061798 |
| eCl@ss | 27061801 Data and communication cable (copper) |
| ETIM | EC003249 |


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## Commercial data

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| UNSPSC 24.0 | 26121609 |


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