

HAR PROFINET Typ C 4xAWG22/7 trail. 50m

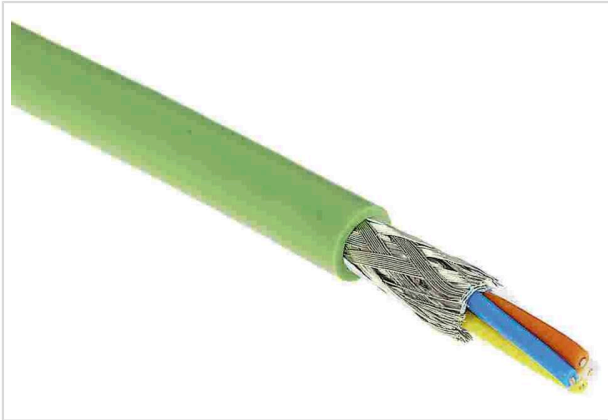


Image is for illustration purposes only. Please refer to product description.

| | |
|--------------------|---|
| Part number | 09 45 600 0141 |
| Specification | HAR PROFINET Typ C 4xAWG22/7 trail. 50m |
| HARTING eCatalogue | https://harting.com/09456000141 |

Identification

| | |
|--------------------------|----------------------|
| Category | System cabling |
| Element | Bulk cables |
| Specification | Not assembled |
| Type of cable | Copper cable (round) |
| Description of the cable | Flame retardant |
| | Oil resistant |
| | UV resistant |

Version

| | |
|-----------------|-------------|
| Cable length | 50 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 |
| | 100 Mbit/s |
| Limiting temperature | -40 ... +70 °C unmoved |
| | -20 ... +60 °C moved |
| Minimum bending radius | 7x Cable diameter (repeated bending) |
| | 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/s ² |
| Tensile strength | ≤150 N |
| Coupling attenuation @ 20 °C / 10 MHz | 20 mΩ/m |



Pushing Performance
Since 1945

Technical characteristics

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

Commercial data

| | |
|--------------------------------|--|
| Packaging size | 1 |
| Net weight | 3,130 g |
| Country of origin | Germany |
| European customs tariff number | 85444995 |
| GTIN | 5713140061880 |
| eCl@ss | 27061801 Data and communication cable (copper) |
| ETIM | EC003249 |
| UNSPSC 24.0 | 26121609 |