

HAR PROFINET Typ B 4xAWG22/7 PVC 50m

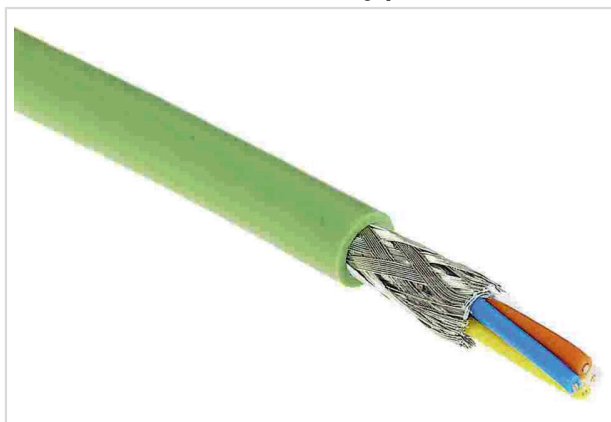


Image is for illustration purposes only. Please refer to product description.

| | |
|--------------------|---|
| Part number | 09 45 600 0142 |
| Specification | HAR PROFINET Typ B 4xAWG22/7 PVC 50m |
| HARTING eCatalogue | https://harting.com/09456000142 |

Identification

| | |
|--------------------------|--|
| Category | System cabling |
| Element | Bulk cables |
| Specification | Not assembled |
| Type of cable | Copper cable (round) |
| Description of the cable | Flame retardant Sunlight resistant |
| Printing on cable | HARTING INDUSTRIAL ETHERNET STRANDED CABLE CAT 5 PLUS * 22AWG (SHIELDED) (UL) E333432 CMG FT4 or PLTC SUN RES or AWM 21695 80°C 600V * 094560001020200 "sequential length in metres" * "year/internal order number" "HARTING-LOGO" |

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 |
| Loop resistance | ≤120 Ω/km |
| Limiting temperature | -40 ... +80 °C -20 ... +60 °C During laying -50 ... +80 °C storage/transport |
| Cable diameter | 6.3 ... 6.7 mm |



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Technical characteristics

| | |
|-------------------------------|--|
| Minimum bending radius | 5x Cable diameter (repeated bending) 3x Cable diameter (singular bending) |
| Torsional strength | ≥ 30.000 @ torsion angle= ±180°/m |
| Test voltage $U_{r.m.s.}$ | 2 kV Wire / wire / shielding |
| 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) | PVC |
| 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 EN 50290-2-22 UN/ECE-R 118 fire protection for rolling stock |
| PROFINET | Yes |

Commercial data

| | |
|--------------------------------|--|
| Packaging size | 1 |
| Net weight | 3,220 g |
| Net weight | 68 g/m |
| Country of origin | Germany |
| European customs tariff number | 85444290 |
| GTIN | 5713140061897 |
| eCl@ss | 27061801 Data and communication cable (copper) |



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Commercial data

ETIM EC003249

UNSPSC 24.0 26121609