

Ha-Vis EtherRail 4xAWG22/7 bl CAT5 50m

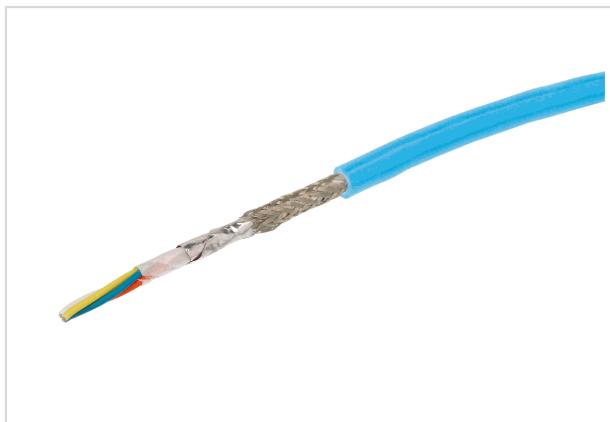


Image is for illustration purposes only. Please refer to product description.

| | |
|--------------------|---|
| Part number | 09 45 600 1410 |
| Specification | Ha-Vis EtherRail 4xAWG22/7 bl CAT5 50m |
| HARTING eCatalogue | https://b2b.harting.com/09456001410 |

Identification

| | |
|--------------------------|--------------------------|
| Category | System cabling |
| Element | Bulk cables |
| Specification | Not assembled |
| Type of cable | Copper cable (round) |
| Description of the cable | for railway applications |

Version

| | |
|-----------------|-------------|
| Cable length | 50 m |
| Number of cores | 4 |
| Core structure | 4x AWG 22/7 |

Technical characteristics

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|--|--|
| Transmission characteristics | Cat. 5 Class D up to 100 MHz |
| Data rate | 10 Mbit/s 100 Mbit/s |
| Limiting temperature | -40 ... +85 °C unmoved -25 ... +70 °C moved |
| Cable diameter | 6.6 mm ± 0.2 mm |
| Minimum bending radius | 6x Cable diameter |
| Test voltage U _{r.m.s.} | 1 kV Wire / wire / shielding |
| Coupling attenuation @ 20 °C / 100 MHz | 8 mΩ/m |
| Conductor resistance @ 20 °C | ≤54.4 Ω/km |
| Insulation resistance @ 20 °C | ≥5,000 MΩ x km |
| Signal run time @ 20 °C | ≤4.4 ns/m |

Technical characteristics

| | |
|---------------------|------------|
| Impedance @ 100 MHz | 100 Ω ±5 % |
|---------------------|------------|

Material properties

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|-----------------------------|---|
| Material (cable) | Polyolefin copolymer electron beam crosslinked Comp 752 |
| Colour (cable) | Blue |
| RoHS | compliant |
| ELV status | compliant |
| China RoHS | e |
| REACH Annex XVII substances | No |
| REACH ANNEX XIV substances | No |
| REACH SVHC substances | No |

Specifications and approvals

| | |
|----------------|---|
| Specifications | EN 45545-2 (HL 1-3) fire protection in railway vehicles EN 50264-1 fire protection in railway vehicles EN 50306-1 fire protection in railway vehicles NFPA 130 fire protection in railway vehicles UN/ECE-R 118 fire protection for rolling stock EN 50306-4 Resistance to ozone EN 60811-504 High low temperature resistance EN 60811-404 High oil resistance EN 60811-404 High fuel resistance EN 60811-404 Alkali resistance EN 60811-404 Acid resistance DIN 51900 Low fire load |
|----------------|---|

Commercial data

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|--------------------------------|--|
| Packaging size | 1 |
| Net weight | 3,365 g |
| Net weight | 61 g/m |
| Country of origin | Switzerland |
| European customs tariff number | 85444991 |
| eCl@ss | 27061801 Data and communication cable (copper) |