

Ha-Vis EtherRail 4xAWG22/19 CAT5 500m

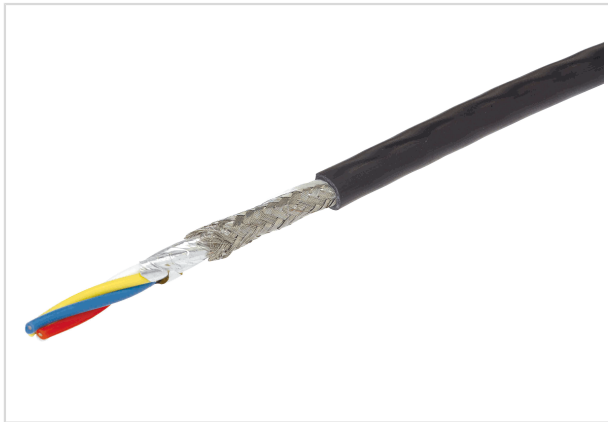


Image is for illustration purposes only. Please refer to product description.

| | |
|--------------------|---|
| Part number | 09 45 600 0148 |
| Specification | Ha-Vis EtherRail 4xAWG22/19 CAT5 500m |
| HARTING eCatalogue | https://b2b.harting.com/09456000148 |

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 | 500 m |
| Number of cores | 4 |
| Core structure | 4x AWG 22/19 |

Technical characteristics

| | |
|--|------------------------------|
| Transmission characteristics | Cat. 5 Class D up to 100 MHz |
| Data rate | 10 Mbit/s 100 Mbit/s |
| Limiting temperature | -40 ... +90 °C |
| Cable diameter | 7.4 mm ± 0.2 mm |
| Minimum bending radius | 6x Cable diameter |
| Test voltage $U_{r.m.s.}$ | 2 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 |



Pushing Performance
 Since 1945

Technical characteristics

| | |
|---------------------|------------------------|
| Impedance @ 100 MHz | 100 Ω \pm 5 % |
|---------------------|------------------------|

Material properties

| | |
|-----------------------------|---|
| Material (cable) | Polyolefin copolymer electron beam crosslinked Comp 752 |
| Colour (cable) | Black |
| 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 |

Specifications and approvals

| | |
|-----------------------|--|
| Specifications | EN 45545-2 Fire protection on railway vehicles |
| | EN 50264-1 Fire protection on railway vehicles |
| | EN 50306-1 Fire protection on railway vehicles |
| | NFPA 130 Fire protection on 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 |
| EN 50618 UV resistant | |

Commercial data

| | |
|--------------------------------|--|
| Packaging size | 1 |
| Net weight | 44,000 g |
| Net weight | 75 g/m |
| Country of origin | Germany |
| European customs tariff number | 85444290 |
| GTIN | 5713140273238 |
| eCl@ss | 27061801 Data and communication cable (copper) |