



Ha-VIS EtherRail®
 stranded cable, Cat. 5e, 4-wire
 for installation within and outside rail vehicles

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|----|-------------------------------------|--------|--------------------------|--------|-------------------------------------|---------|-------------------------------------|--------|--------------------------|---------|--------------------------|--------|--------------------------|
| PE | <input checked="" type="checkbox"/> | 8 wire | <input type="checkbox"/> | 4 wire | <input checked="" type="checkbox"/> | Cat. 5e | <input checked="" type="checkbox"/> | Cat. 6 | <input type="checkbox"/> | Cat. 6A | <input type="checkbox"/> | Cat. 7 | <input type="checkbox"/> |
|----|-------------------------------------|--------|--------------------------|--------|-------------------------------------|---------|-------------------------------------|--------|--------------------------|---------|--------------------------|--------|--------------------------|

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| Cable structure | Star quad, double shielding |
| Core structure | 4 x AWG 22/7, tinned copper wire, stranded |
| Wire insulation | PE-Foam Skin, Ø 1.5 mm |
| Sheath material | Elastomer, electron beam cross-linked |
| Cable sheath diameter | 6.6 +/-0.2 mm |
| Transmission performance | Category 5e / Class D up to 100 MHz acc. to ISO/IEC 11 801:2002, EN 50 173-1 |
| Transmission rate | 10/100 Mbit/s |
| Shielding | Shielding foil and shielding braid |
| Operating temperature range | -40 °C ... +90 °C |
| Standard lengths | 100 m / 500 m / 1000 m |
| Colour | Black |
| Tests / Certificats | Tests and certificats acc. to DIN, N FF, BS and ASTM, detail information see Technical Data sheet |

Advantages

- Robust design
- Fire protection acc. to EN 45 545-1, -2 and -5
- Flame-retardant and heat resistant acc. to DIN 5510 (1-4) and EN 50 264-1
- UV protected
- RoHS compliant
- Halogen free
- small Ø permits RJ45 assembly

| Identification | Part number Elastomer | Drawing | Dimensions in mm |
|---|---|---------|------------------|
| Ha-VIS EtherRail® stranded cable, Cat. 5e 4-wire 100 m ring 500 m drum 1000 m drum | Black 09 45 600 0108 09 45 600 0118 09 45 600 0128 | | |

4 wire