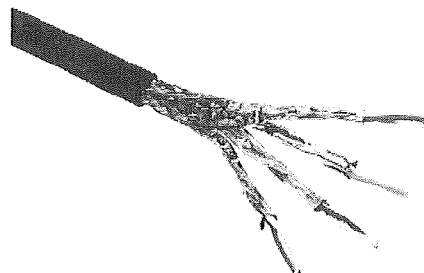


HARTING Ethernet Cabling – 8-wire



Cables



Ha-VIS EtherRail®
flexible data cable, Cat. 7, 8-wire
for installation within and outside rail vehicles and buses

| | | | | | | | | |
|-------|-------------------------------------|---------------|-------------------------------------|-----------|--------|--------------------------|--------|-------------------------------------|
| IP 20 | <input checked="" type="checkbox"/> | IP 65 / IP 67 | <input checked="" type="checkbox"/> | Elastomer | Cat. 5 | <input type="checkbox"/> | Cat. 7 | <input checked="" type="checkbox"/> |
|-------|-------------------------------------|---------------|-------------------------------------|-----------|--------|--------------------------|--------|-------------------------------------|

| | |
|-----------------------------|---|
| Cable structure | 4 x 2, Twisted Pair, shielded, PIMF |
| Core structure | 4 x 2 x AWG 24/7, tinned copper wire |
| Wire insulation | PE, Ø 1.55 mm |
| Sheath material | Elastomer, electron beam, cross-linked |
| Cable sheath diameter | (8.8 +/- 0.2) mm |
| Transmission performance | Category 7 / Class D, E, E _A , F up to 600 MHz according to ISO/IEC 11 801 and EN 50 173-1 |
| Transmission rate | 1/10 Gbit/s |
| Shielding | Paired shielded with additional cable shield |
| Operating temperature range | -40 °C ... +90 °C |
| Supply lengths | 100 m / 500 m / 1000 m |
| Colour | Black |

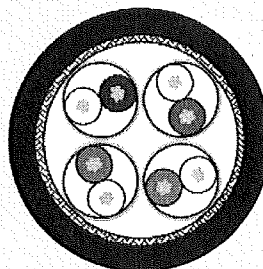
Advantages

- Transmission of Gigabit and 10 Gigabit Ethernet acc. IEEE 802.3 and multimedia services
- For installation within and outside rail vehicles and buses
- Fire protection acc. EN 45 545-1, -2 and -5, flame retardant and heat resistant acc. DIN 5510 (1-4) and EN 50 264-1
- UV resistant, RoHS conform, halogen free LSZH
- Designed to be compatible with products from HARTING like *har-speed* M12 Crimp and Han® GigaBit module.

| Identification | Part number | Drawing | Dimensions in mm |
|----------------|-------------|---------|------------------|
|----------------|-------------|---------|------------------|

Ha-VIS EtherRail®
flexible data cable, PIMF
4x2xAWG24/7, Cat. 7

| | |
|-------------|----------------|
| 10 m ring | 09 45 600 0694 |
| 100 m ring | 09 45 600 0692 |
| 500 m reel | 09 45 600 0691 |
| 1000 m reel | 09 45 600 0690 |



Cables