

M12 system cable,
8-wire

Features

- Sheath material Elastomer, electron beam cross-linked
- Category 7
- Number of wires 8
- Wire design AWG 24/7
- Wire diameter (8.1 ± 0.2) mm

Application

- For installation within and outside rail vehicles and buses

Benefits

- 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 45545-1, -2 and -5, flame retardant and heat resistant acc. DIN 5510 (1-4) and EN 50264-1
- UV resistant, RoHS conform, halogen free LSZH
- Designed to be compatible with products from HARTING like *har*-speed M12 Crimp and Han® GigaBit module.

Technical characteristics

- 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, EA, F up to 600 MHz acc. to ISO/IEC 11801 and EN 50173-1
- Transmission rate 1/10 Gbit/s
- Shielding Paired shielded with additional cable shield
- Operating temperature range -40 °C ... +85 °C
- Supply lengths 100 m / 500 m / 1000 m
- Colour Black

Identification

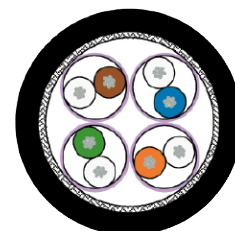
Ha-VIS EtherRail®
flexible data cable, PIMF
4x2xAWG 24/7, Cat. 7

- 10 m ring
- 50 m ring
- 100 m ring
- 500 m reel
- 1000 m reel

Part number

- 09 45 600 0694
- 09 45 600 0693
- 09 45 600 0692
- 09 45 600 0691
- 09 45 600 0690

Drawing



Dimensions in mm