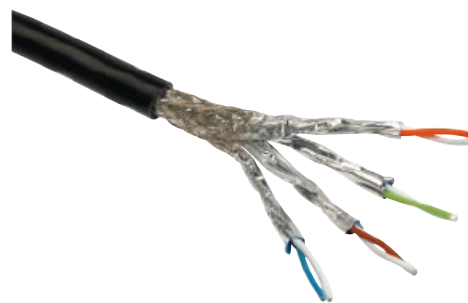


Cables



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	