

# Ha-Vis EtherRail 4x2xAWG24/7 CAT7 10m



Part number	09 45 600 0694
Specification	Ha-Vis EtherRail 4x2xAWG24/7 CAT7 10m
HARTING eCatalogue	https://b2b.harting.com/09456000694

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

Coupling attenuation @ 20 °C / 100 MHz

#### 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 10 m Number of cores 8 4x 2x AWG 24/7 Core structure **Technical characteristics** Transmission characteristics Cat. 7 Class II up to 2000 MHz 10 Mbit/s 100 Mbit/s 1 Gbit/s Data rate 2.5 Gbit/s 5 Gbit/s 10 Gbit/s -40 ... +80 °C unmoved Limiting temperature -25 ... +70 °C moved Cable diameter 8.1 mm ± 0.3 mm Minimum bending radius 6x Cable diameter Test voltage U<sub>r.m.s.</sub> 1 kV Wire / wire / shielding

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 $5 \text{ m}\Omega/\text{m}$ 



#### **Technical characteristics**

Conductor resistance @ 20 °C	≤84 Ω/km
Insulation resistance @ 20 °C	≥5,000 MΩ x km
Signal run time @ 20 °C	≤4.4 ns/m
Impedance @ 100 MHz	100 Ω ±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

	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
Specifications	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	859 g
Net weight	75 g/m
Country of origin	Switzerland
European customs tariff number	85444993
GTIN	5713140062221

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Commercial data

eCl@ss

27061801 Data and communication cable (copper)

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