

Ha-Vis EtherRail 4xAWG22/19 CAT5 100m

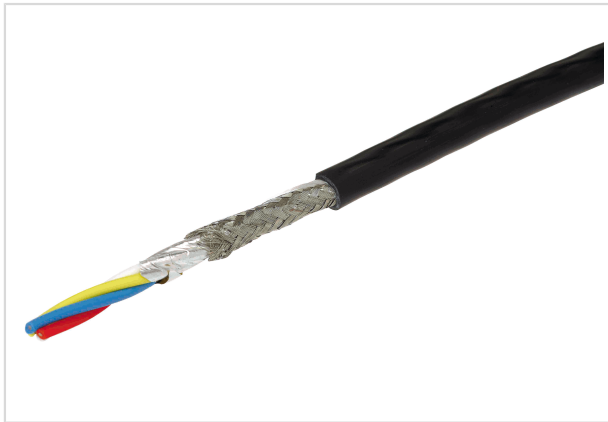


Image is for illustration purposes only. Please refer to product description.

Part number	09 45 600 0138
Specification	Ha-Vis EtherRail 4xAWG22/19 CAT5 100m
HARTING eCatalogue	https://b2b.harting.com/09456000138

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	100 m
Number of cores	4
Core structure	4x AWG 22/19

Technical characteristics

Transmission characteristics	Cat. 5 Class D up to 100 MHz
Data rate	10 Mbit/s 100 Mbit/s
Limiting temperature	-40 ... +90 °C
Cable diameter	7.4 mm ± 0.2 mm
Minimum bending radius	6x Cable diameter
Test voltage $U_{r.m.s.}$	2 kV Wire / wire / shielding
Coupling attenuation @ 20 °C / 100 MHz	8 mΩ/m
Conductor resistance @ 20 °C	≤54.4 Ω/km
Insulation resistance @ 20 °C	≥5,000 MΩ x km
Signal run time @ 20 °C	≤4.4 ns/m



Pushing Performance

Technical characteristics

Impedance @ 100 MHz	100 Ω \pm 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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

Specifications and approvals

Specifications	EN 45545-2 (HL 1-3) fire protection in railway vehicles
	EN 50264-1 fire protection in railway vehicles
	EN 50306-1 fire protection in railway vehicles
	NFPA 130 fire protection in railway vehicles
	UN/ECE-R 118 fire protection for rolling stock
	EN 50306-4 Resistance to ozone
	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	7,620 g
Net weight	75 g/m
Country of origin	Switzerland
European customs tariff number	85444290
eCl@ss	27061801 Data and communication cable (copper)

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Heavy Duty Power Connectors](#) category:

Click to view products by [HARTING](#) manufacturer:

Other Similar products are found below :

[647757-1](#) [6643411-1](#) [6646058-2](#) [6646137-1](#) [6646138-1](#) [6646479-1](#) [6646608-1](#) [6646786-1](#) [6646940-1](#) [6651091-1](#) [6651525-1](#) [6651529-1](#)
[6651788-1](#) [696475-1](#) [73000005059](#) [73000005642](#) [765-15-0080A](#) [765-16-0080B](#) [829992-1](#) [902-77-02113](#) [129-1J](#) [AN0024023](#) [E6374G1](#)
[e6389g2](#) [157-43GW8](#) [MS3117-14AC](#) [1643543-1](#) [1650540-1](#) [1651811-2](#) [1766260-1](#) [1766282-1](#) [1766966-1](#) [1791340000](#) [NLDFT-3-BL-L-](#)
[S120-M40A](#) [NLDFT-N-W-L-C240-M40B](#) [NLS-2-R-C240-M40B](#) [NLS-N-W-C240-M40B](#) [NPS-3-BL-T6](#) [1986615-1](#) [2-1589900-8](#) [2199314-1](#)
[KA8102](#) [9300480317](#) [SBS50BRN#6](#) [29131](#) [29652](#) [1646905-1](#) [1648320-1](#) [1648582-1](#) [1650195-2](#)