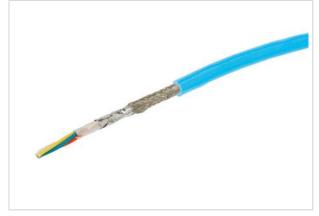


Ha-Vis EtherRail 4xAWG22/7 bl CAT5 50m



Part number	09 45 600 1410
Specification	Ha-Vis EtherRail 4xAWG22/7 bl CAT5 50m
HARTING eCatalogue	https://b2b.harting.com/09456001410

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

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	50 m		
Number of cores	4		
Core structure	4x AWG 22/7		
Technical characteristics			
Transmission characteristics	Cat. 5 Class D up to 100 MHz		
Data rate	10 Mbit/s 100 Mbit/s		
Limiting temperature	-40 +85 °C unmoved -25 +70 °C moved		
Cable diameter	6.6 mm ± 0.2 mm		
Minimum bending radius	6x Cable diameter		
Test voltage U _{r.m.s.}	1 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		

Page 1 / 2 | Creation date 2023-03-15 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Customised Solutions GmbH & Co. KG | In der Tütenbeke 22 | 32339 Espelkamp | Germany Phone +49 5772 47-0 | info@HARTING.com | www.HARTING.com



Technical characteristics

Impedance @ 100 MHz	100 Ω ±5 %			
Material properties				
Material (cable)	Polyolefin copolymer electron beam crosslinked Comp 752			
Colour (cable)	Blue			
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
pecifications	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

Commercial data

Packaging size	1
Net weight	3,365 g
Net weight	61 g/m
Country of origin	Switzerland
European customs tariff number	85444991
GTIN	5713140062320
eCl@ss	27061801 Data and communication cable (copper)

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