Pushing Performance
Since 1945

Ha-Vis EtherRail 4xAWG22/7 bl CAT5 100m

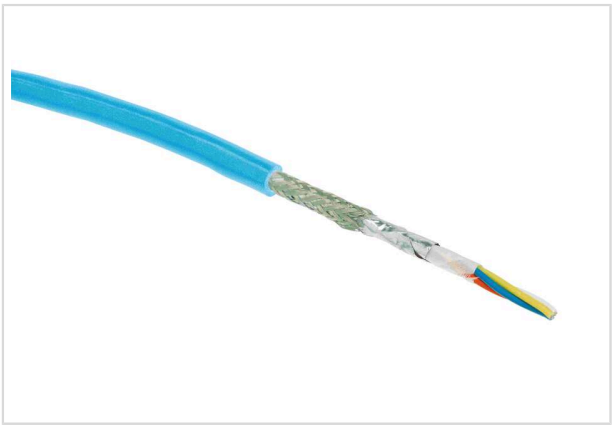


Image is for illustration purposes only. Please refer to product description.

Part number	09 45 600 1420
Specification	Ha-Vis EtherRail 4xAWG22/7 bl CAT5 100m
HARTING eCatalogue	https://b2b.harting.com/09456001420

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 22/7

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

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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

Specifications	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
	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	6,300 g
Net weight	61 g/m
Country of origin	Switzerland
European customs tariff number	85444991
GTIN	5713140062337
ETIM	EC003249
eCl@ss	27061801 Data and communication cable (copper)

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