

HARTING Trailing Cat.6A 4x2xAWG26/7 500m



Part number	09 45 600 0558
Specification	HARTING Trailing Cat.6A 4x2xAWG26/7 500m
HARTING eCatalogue	https://b2b.harting.com/09456000558

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)
Features	Drag chain compatible

Version

Cable length	500 m
Number of cores	8
Core structure	4x 2x AWG 26/7

Technical characteristics

Rated voltage	100 V
Transmission characteristics	Cat. 6 _A Class E _A up to 500 MHz
Data rate	10 Mbit/s 100 Mbit/s 1 Gbit/s 2.5 Gbit/s 5 Gbit/s 10 Gbit/s
Limiting temperature	-40 +70 °C unmoved -40 +70 °C moved
Cable diameter	6.8 mm ± 0.3 mm
Minimum bending radius	10x Cable diameter (repeated bending) 5x Cable diameter (singular bending)

Page 1 / 2 | Creation date 2023-08-31 | 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.

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Technical characteristics

Drag chain compatible	Yes
Bending cycles	\geq 5.000.000 @ 15x Cable diameter & traversing distance \leq 1 m & speed \leq 0.3 m/s & acceleration \leq 6 m/s²
Tensile strength	≤15 N/mm²
Test voltage U _{r.m.s.}	2 kV Wire / wire / shielding
Conductor resistance @ 20 °C	≤140 Ω/km
Insulation resistance @ 20 °C	≥1,000 MΩ x km
Signal run time @ 20 °C	≤5.13 ns/m
Impedance @ 100 MHz	100 Ω ±10 %

Material properties

Material (cable)	PUR (polyurethane)
Colour (cable)	Black
RoHS	compliant
ELV status	compliant
China RoHS	е
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained

Specifications and approvals

	EN 50173-3 generic cabling
Specifications	IEC 60332-1-2 Flame retardancy
	IEC 60754-1

Commercial data

Packaging size	1
Net weight	57 g/m
Country of origin	Switzerland
European customs tariff number	85444290
GTIN	5713140273603
ETIM	EC003249
eCl@ss	27061801 Data and communication cable (copper)

Page 2 / 2 | Creation date 2023-08-31 | 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.

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