



Pushing Performance
Since 1945

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



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

Part number	09 45 600 0558
Specification	HARTING Trailing Cat.6A 4x2xAWG26/7 500m

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. 6A 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)



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Technical characteristics

Drag chain compatible	Yes
Bending cycles	$\geq 5.000.000$ @ 15x Cable diameter & traversing distance ≤ 1 m & speed ≤ 0.3 m/s & acceleration ≤ 6 m/s ²
Tensile strength	≤ 15 N/mm ²
Test voltage U _{r.m.s.}	2 kV Wire / wire / shielding
Conductor resistance @ 20 °C	≤ 140 Ω /km
Insulation resistance @ 20 °C	$\geq 1,000$ M Ω 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	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained

Specifications and approvals

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

Packaging size	1
Net weight	57 g/m
Country of origin	Switzerland
European customs tariff number	85444290
GTIN	5713140273603
eCl@ss	27061801 Data and communication cable (copper)
ETIM	EC003249
UNSPSC 24.0	26121609