

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
HARTING eCatalogue	https://b2b.harting.com/09456000558

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
Limiting temperature	-40 ... +70 °C unmoved -40 ... +70 °C moved
Cable diameter	6.5 ... 7.1 mm
Minimum bending radius	10x Cable diameter (repeated bending) 5x Cable diameter (singular bending)
Drag chain compatible	Yes
Bending cycles	≥ 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
Transmission characteristics	Cat. 6 _A Class E _A up to 500 MHz



Pushing Performance

Technical characteristics

Data rate	10 Mbit/s
	100 Mbit/s
	1 Gbit/s
	2.5 Gbit/s
	5 Gbit/s
	10 Gbit/s
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	e
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

Specifications and approvals

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

Commercial data

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