

## HARTING TRAILING Cat5e 4x2xAWG26/19 500m

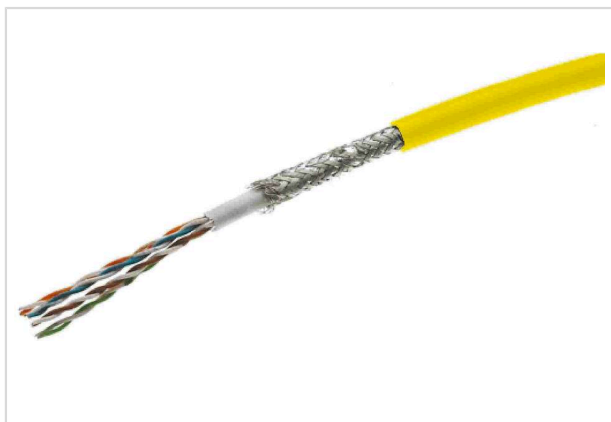


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Part number	09 45 600 0256
Specification	HARTING TRAILING Cat5e 4x2xAWG26/19 500m
HARTING eCatalogue	<a href="https://b2b.harting.com/09456000256">https://b2b.harting.com/09456000256</a>

### Identification

Category	System cabling
Element	Bulk cables
Specification	Not assembled
Type of cable	Copper cable (round)

### Version

Cable length	500 m
Number of cores	8
Core structure	4x 2x AWG 26/19

### Technical characteristics

Transmission characteristics	Cat. 5e Class D up to 100 MHz
Data rate	10 Mbit/s
	100 Mbit/s
	1 Gbit/s
	2.5 Gbit/s
Limiting temperature	-40 ... +80 °C unmoved
	-30 ... +70 °C moved
	-20 ... +60 °C moved, with forced guidance
Cable diameter	6.6 mm ± 0.2 mm
Minimum bending radius	5x Cable diameter (singular bending)
	8x Cable diameter (repeated bending)
	15x Cable diameter (repeated bending with forced guidance)
Drag chain compatible	Yes
Bending cycles	≥ 5.000.000 @ length ≤ 4,5 m @ speed ≤ 5 m/s @ acceleration ≤ 10 m/s <sup>2</sup>



Pushing Performance  
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## Technical characteristics

Torsional strength  $\geq 1.000.000$  @ torsion angle=  $\pm 180^\circ/m$

Tensile strength  $\leq 105$  N unmoved  
 $\leq 30$  N moved

Conductor resistance @ 20 °C  $\leq 280$   $\Omega/km$

Insulation resistance @ 20 °C  $\geq 5,000$   $M\Omega \times km$

Impedance @ 100 MHz  $100 \Omega \pm 5$

## Material properties

Material (cable) PUR (polyurethane)

Colour (cable) Yellow

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 IEC 60332-1-2 Flame retardancy  
FT2 according to UL 2556 Sec. 9.1  
EN 60811-404 Oil resistance  
IEC 60754-1 Halogen freeness

Approvals UL AWM Style 21238 (80 °C / 600 V)  
CE

## Commercial data

Packaging size 1

Net weight 51 g/m

Country of origin Austria

European customs tariff number 85444290

GTIN 5713140273542

ETIM EC003249

eCl@ss 27061801 Data and communication cable (copper)