

## HARTING TRAILING Cat5e 4x2xAWG26/19 500m

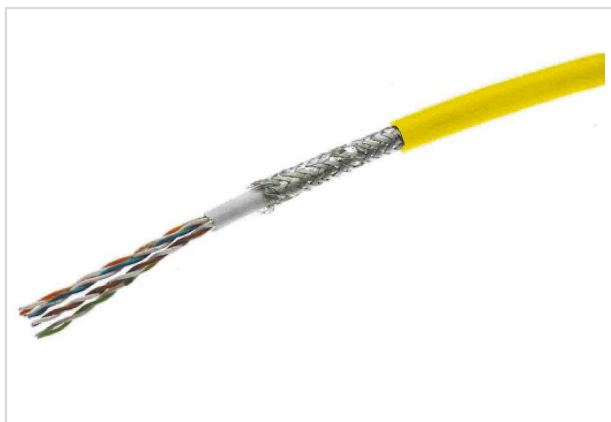


Image is for illustration purposes only. Please refer to product description.

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 45 600 0256                                                                |
| Specification      | HARTING TRAILING Cat5e<br>4x2xAWG26/19 500m                                   |
| HARTING eCatalogue | <a href="https://harting.com/09456000256">https://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/s² |



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## Technical characteristics

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

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

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

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

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 26,750 g

Net weight 51 g/m

Country of origin Austria

European customs tariff number 85444290

GTIN 5713140273542

eCl@ss 27061801 Data and communication cable (copper)

ETIM EC003249

UNSPSC 24.0 26121609