



Pushing Performance  
Since 1945

# HARTING Trailing Cat.6A 4x2xAWG26/7 20m



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

|               |   |
|---------------|---|
| Part number   | 09 45 600 0555                          |
| Specification | HARTING Trailing Cat.6A 4x2xAWG26/7 20m |

## Identification

|               |                       |
|---------------|-----------------------|
| Category      | System cabling        |
| Element       | Bulk cables           |
| Specification | Not assembled         |
| Type of cable | Copper cable (round)  |
| Features      | Drag chain compatible |

## Version

|                 |                |
|-----------------|----------------|
| Cable length    | 20 m           |
| Number of cores | 8              |
| Core structure  | 4x 2x AWG 26/7 |

## Technical characteristics

|                              |   |
|------------------------------|---|
| Rated voltage                | 100 V   |
| Transmission characteristics | Cat. 6A Class E <sub>A</sub> up to 500 MHz                                    |
| Data rate                    | 10 Mbit/s<br>100 Mbit/s<br>1 Gbit/s<br>2.5 Gbit/s<br>5 Gbit/s<br>10 Gbit/s    |
| Limiting temperature         | -40 ... +70 °C unmoved<br>-40 ... +70 °C moved                                |
| Cable diameter               | 6.8 mm ± 0.3 mm   |
| Minimum bending radius       | 10x Cable diameter (repeated bending)<br>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 $\leq 1$ m & speed $\leq 0.3$ m/s & acceleration $\leq 6$ m/s <sup>2</sup> |
| Tensile strength                 | $\leq 15$ N/mm <sup>2</sup>  |
| Test voltage U <sub>r.m.s.</sub> | 2 kV Wire / wire / shielding   |
| Conductor resistance @ 20 °C     | $\leq 140$ $\Omega$ /km  |
| Insulation resistance @ 20 °C    | $\geq 1,000$ M $\Omega$ x km   |
| Signal run time @ 20 °C          | $\leq 5.13$ ns/m   |
| Impedance @ 100 MHz              | 100 $\Omega$ $\pm 10$ %  |

## 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<br>IEC 60332-1-2 Flame retardancy<br>IEC 60754-1 |
|----------------|---|

## Commercial data

|                                |  |
|--------------------------------|--|
| Packaging size                 | 1  |
| Net weight                     | 1,220 g  |
| Net weight                     | 57 g/m   |
| Country of origin              | Germany  |
| European customs tariff number | 85444995                                       |
| GTIN                           | 5713140273573                                  |
| eCl@ss                         | 27061801 Data and communication cable (copper) |
| ETIM                           | EC003249                                       |



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|             |          |
|-------------|----------|
| UNSPSC 24.0 | 26121609 |
|-------------|----------|