

## 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                                               |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09456000555">https://b2b.harting.com/09456000555</a> |

### 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                                                                                                                 |
| Limiting temperature         | -40 ... +70 °C unmoved<br>-40 ... +70 °C moved                                                                        |
| Cable diameter               | 6.5 ... 7.1 mm                                                                                                        |
| Minimum bending radius       | 10x Cable diameter (repeated bending)<br>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<br>& acceleration ≤ 6 m/s <sup>2</sup> |
| Tensile strength             | ≤15 N/mm <sup>2</sup>                                                                                                 |
| Test voltage $U_{r.m.s.}$    | 2 kV Wire / wire / shielding                                                                                          |
| Transmission characteristics | Cat. 6 <sub>A</sub> Class E <sub>A</sub> 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                     | 1,220 g                                        |
| Net weight                     | 57 g/m                                         |
| Country of origin              | Romania                                        |
| European customs tariff number | 85444995                                       |
| eCl@ss                         | 27061801 Data and communication cable (copper) |