

**Cable drum Ø 355mm**

PVC 1x4xAWG22 shielded gn UL/CSA+drag ch. 100m

Art.No.: 7000-C0201-8000000

Weight: 7.904 kg

Country of origin: IT

Model designation: 100m Kabel 10080428(800)gesch.Kabeltromm

Cable drum (100 m)

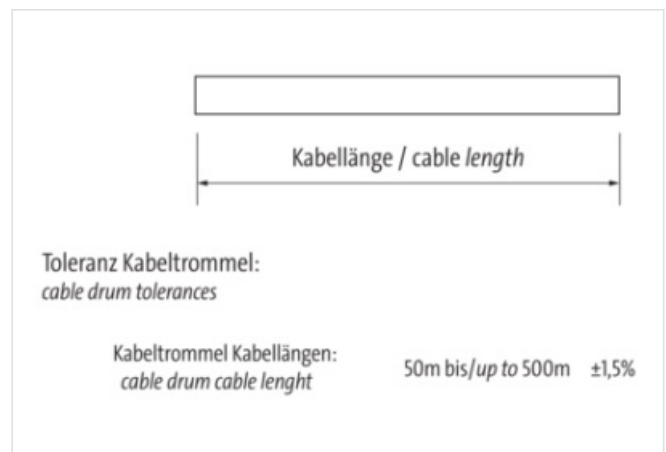
Ethernet CAT5, PROFINET IO, EtherCAT

2x 2x AWG22

PVC (UL/CSA)

suitable for C-tracks

2 Mio.

**[Link to Product](#)****Illustration**

Product may differ from Image

**Header**

Material short text

100m Kabel 10080428(800)gesch.Kabeltromm

**Commercial data**

|                       |                                                                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------|
| URL Webshop           | <a href="https://shop.murrelektronik.com/7000-C0201-8000000">https://shop.murrelektronik.com/7000-C0201-8000000</a> |
| GTIN                  | 4048879472876                                                                                                       |
| ECLASS-6.0            | 27062011                                                                                                            |
| ECLASS-6.1            | 27061801                                                                                                            |
| ECLASS-7.0            | 27061801                                                                                                            |
| ECLASS-7.1            | 27061801                                                                                                            |
| ECLASS-8.0            | 27061801                                                                                                            |
| ECLASS-8.1            | 27061801                                                                                                            |
| ECLASS-9.0            | 27061801                                                                                                            |
| ECLASS-9.1            | 27061801                                                                                                            |
| ECLASS-10.0.1         | 27061801                                                                                                            |
| ECLASS-10.1           | 27061801                                                                                                            |
| ECLASS-11.0           | 27061801                                                                                                            |
| ECLASS-11.1           | 27061801                                                                                                            |
| ECLASS-12.0           | 27061801                                                                                                            |
| ECLASS-13.0           | 27061801                                                                                                            |
| ECLASS-14.0           | 27061801                                                                                                            |
| ETIM-5.0              | EC001855                                                                                                            |
| ETIM-6.0              | EC001855                                                                                                            |
| ETIM-7.0              | EC001855                                                                                                            |
| ETIM-8.0              | EC001855                                                                                                            |
| customs tariff number | 85444995                                                                                                            |
| EAN                   | 4048879472876                                                                                                       |
| Packaging unit        | 1                                                                                                                   |

**Important installation notes**

|                        |                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note on bending radius | <b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| Note on strain relief  | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.                                                   |

**Installation | Cable**

|                                          |                                                    |
|------------------------------------------|----------------------------------------------------|
| Cable identification                     | 800                                                |
| Function cable                           | Data                                               |
| Stranding                                | 1 × 4 wires around core filler star-shaped twisted |
| Cable shielding (type)                   | copper braid, tinned                               |
| Cable shielding (coverage)               | 85 %                                               |
| Banding                                  | Foil                                               |
| Filler                                   | Yes                                                |
| Wire arrangement                         | orange, white, yellow, blue                        |
| Cable weight                             | 67 g/m                                             |
| Material wire insulation                 | PE                                                 |
| Amount wires                             | 4                                                  |
| Outer diameter insulation                | 1,53 mm                                            |
| Outer diameter tolerance core insulation | ± 0,05 mm                                          |
| Shore hardness wire insulation           | 55 ± 5 Shore D                                     |
| Ingredient freeness wire insulation      | lead-free, CFC-free, halogen-free                  |
| Amount strands (wire)                    | 7                                                  |
| Diameter of single wires                 | 30 AWG                                             |
| Conductor crosssection (wire)            | 22 AWG                                             |
| Material conductor wire                  | Stranded copper wire, bare                         |
| Conductor type (wire)                    | strand class 2                                     |
| Outer-diameter (jacket)                  | 6,6 mm                                             |
| Tolerance outer diameter (sheath)        | ± 5 %                                              |
| Material jacket                          | PVC                                                |

|                                         |                                                             |
|-----------------------------------------|-------------------------------------------------------------|
| Shore hardness jacket                   | 85 ± 5 Shore A                                              |
| Freedom from ingredients (jacket)       | lead-free, cadmium-free, CFC-free                           |
| Material property (jacket)              | abrasion-resistant, low adhesion, good machinability, matte |
| Material inner jacket                   | FRNC                                                        |
| Color (inner jacket)                    | natural                                                     |
| Conductor resistance (wire)             | 55 Ω/km @ 20 °C                                             |
| Electric capacitance                    | 55.000 pF/km                                                |
| Isolation resistance                    | 2.000 MΩ × km                                               |
| Nominal voltage max.                    | 60 V                                                        |
| Loop resistance                         | 124 Ω/km                                                    |
| Withstand voltage (wire - wire)         | 1 kV @ 60 s                                                 |
| Withstand voltage (wire - jacket)       | 1 kV @ 60 s                                                 |
| Withstand voltage (wire - shield)       | 1 kV @ 60 s                                                 |
| Current load capacity (standard)        | to DIN VDE 0298-4                                           |
| Current load capacity max. (wire)       | 4,8 A                                                       |
| Characteristic impedance                | 100 Ω ± 15 % @ 1 MHz                                        |
| Operating temperature min. (static)     | -30 °C                                                      |
| Operating temperature max. (static)     | 80 °C                                                       |
| Operating temperature min. (dynamic)    | -10 °C                                                      |
| Operating temperature max. (dynamic)    | 70 °C                                                       |
| Operating temperature min. (drag chain) | -10 °C                                                      |
| Operating temperature max. (drag chain) | 70 °C                                                       |
| Flame resistance                        | IEC 60332-1-2, UL 1581 § 1060, UL 1581 § 1061               |
| Oil resistance                          | IEC 60811-404, IRM 902                                      |
| Ozone resistance                        | EN 50396                                                    |
| UV resistance                           | UL 1581 § 1200                                              |
| Bending radius (fixed)                  | 5 × Outer diameter                                          |
| Bending radius (dynamic)                | 10 × Outer diameter                                         |
| No. of bending cycles (C-track)         | 2 Mio. @ 25 °C                                              |
| Traversing distance (C-track)           | 5 m @ 25 °C                                                 |
| Travel speed (C-track)                  | 3.3 m/s @ 25 °C                                             |
| Acceleration (C-track)                  | 2 m/s² @ 25 °C                                              |