

**Cable drum Ø 355mm**

PUR 5x0.34 shielded gy UL/CSA+drag ch. 100m

Art.No.: 7000-C0201-2430000

Weight: 6.923 kg

Country of origin: PL

Model designation: 100m Kabel 10080455(243)gesch.Kabeltromm

Cable drum (100 m)

PUR (UL/CSA)

5× 0.34 mm<sup>2</sup>

gray

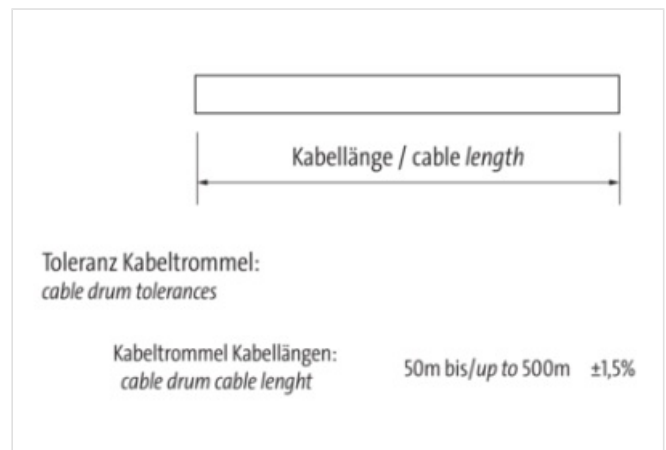
Shielded

suitable for C-tracks

5 Mio.

Suitable for robots

2 Mio. ±30°/m

**Link to Product****Illustration**

Product may differ from Image



| Header                                   |                                                                                                                                                       |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material short text                      | 100m Kabel 10080455(243)gesch.Kabeltromm                                                                                                              |
| Commercial data                          |                                                                                                                                                       |
| URL Webshop                              | <a href="https://shop.murrelektronik.com/7000-C0201-2430000">https://shop.murrelektronik.com/7000-C0201-2430000</a>                                   |
| GTIN                                     | 4048879715416                                                                                                                                         |
| 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                                      | 4048879715416                                                                                                                                         |
| 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                     | 243                                                                                                                                                   |
| Cable Type                               | 3                                                                                                                                                     |
| Stranding                                | 1 × 5 wires around core filler twisted                                                                                                                |
| Cable shielding (type)                   | copper braid, tinned                                                                                                                                  |
| Cable shielding (coverage)               | 80 %                                                                                                                                                  |
| Banding                                  | Foil, Fleece                                                                                                                                          |
| Filler                                   | Yes                                                                                                                                                   |
| Wire arrangement                         | brown, black, blue, white, gray                                                                                                                       |
| Cable weight                             | 52 g/m                                                                                                                                                |
| Material wire insulation                 | PP                                                                                                                                                    |
| Amount wires                             | 5                                                                                                                                                     |
| Outer diameter insulation                | 1,25 mm                                                                                                                                               |
| Outer diameter tolerance core insulation | ± 0,05 mm                                                                                                                                             |
| Shore hardness wire insulation           | 70 ± 5 Shore D                                                                                                                                        |
| Ingredient freeness wire insulation      | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free                                                                                        |
| Amount strands (wire)                    | 42                                                                                                                                                    |
| Diameter of single wires                 | 0,1 mm                                                                                                                                                |
| Conductor crosssection (wire)            | 0,34 mm²                                                                                                                                              |
| Material conductor wire                  | Stranded copper wire, bare                                                                                                                            |
| Conductor type (wire)                    | strand class 6                                                                                                                                        |
| Outer-diameter (jacket)                  | 5,6 mm                                                                                                                                                |

|                                         |                                                                             |
|-----------------------------------------|-----------------------------------------------------------------------------|
| Tolerance outer diameter (sheath)       | ± 5 %                                                                       |
| Material jacket                         | PUR                                                                         |
| Shore hardness jacket                   | 90 ± 5 Shore A                                                              |
| Freedom from ingredients (jacket)       | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free              |
| Material property (jacket)              | abrasion-resistant, low adhesion, good machinability, matte                 |
| Conductor resistance (wire)             | 57 Ω/km @ 20 °C                                                             |
| Nominal voltage max.                    | 300 V                                                                       |
| Withstand voltage (wire - wire)         | 2 kV @ 60 s                                                                 |
| Withstand voltage (wire - jacket)       | 2 kV @ 60 s                                                                 |
| Withstand voltage (wire - shield)       | 2 kV @ 60 s                                                                 |
| Current load capacity (standard)        | to DIN VDE 0298-4                                                           |
| Current load capacity max. (wire)       | 4,5 A                                                                       |
| Operating temperature min. (static)     | -40 °C                                                                      |
| Operating temperature max. (static)     | 80 °C / 90 °C @ 10000 h Operation                                           |
| Operating temperature min. (dynamic)    | -25 °C                                                                      |
| Operating temperature max. (dynamic)    | 80 °C / 90 °C @ 10000 h Operation                                           |
| Operating temperature min. (drag chain) | -25 °C                                                                      |
| Operating temperature max. (drag chain) | 80 °C / 90 °C @ 10000 h Operation                                           |
| Flame resistance                        | UL 1581 § 1090, CSA FT2, IEC 60332-2-2                                      |
| Oil resistance                          | IEC 60811-404                                                               |
| Chemical resistance                     | good                                                                        |
| Other resistances                       | good resistance to gasoline, resistant to hydrolysis, resistant to microbes |
| Bending radius (fixed)                  | 5 × Outer diameter                                                          |
| Bending radius (dynamic)                | 10 × Outer diameter                                                         |
| No. of bending cycles (C-track)         | 5 Mio. @ 25 °C                                                              |
| Traversing distance (C-track)           | 5 m @ 25 °C   horizontal                                                    |
| Travel speed (C-track)                  | 3.3 m/s @ 25 °C                                                             |
| Acceleration (C-track)                  | 5 m/s² @ 25 °C                                                              |
| No. of torsion cycles                   | 2 Mio.                                                                      |
| Torsion stress                          | ± 30 °/m                                                                    |
| Torsion speed                           | 35 cycles/min                                                               |