

**Cable drum Ø 355mm**

PUR 4x0.75 bk UL/CSA+drag ch. 100m

Art.No.: 7000-C0101-6370000

Weight: 7.504 kg

Country of origin: PL

Model designation: 100m Kabel 10080905(637)auf Spule 01

The selection of cables suitable for cable reels must always be based on the specific application. In particular, the mechanical and dynamic loads encountered during operation must be taken into account. These include, among other things, permissible bending radii, drag chain and continuous motion properties, torsional characteristics, and other environmental and application-specific requirements.

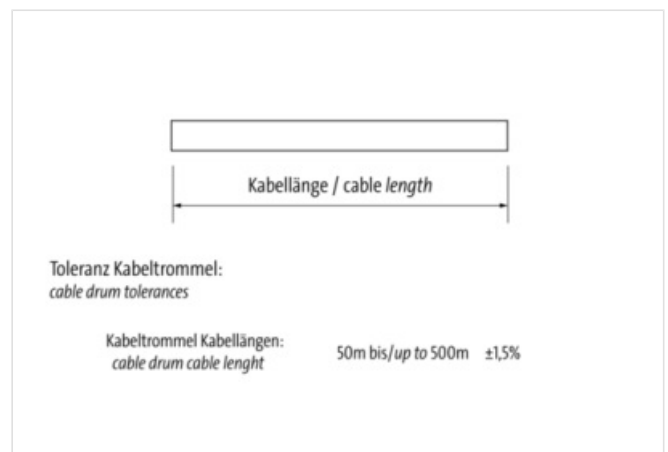
Cable drum (100 m)

PUR (UL/CSA)

4× 0.75 mm<sup>2</sup>, black

suitable for C-tracks

5 Mio.

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

Product may differ from Image

**Commercial data**

URL Webshop

<https://shop.murrelektronik.com/7000-C0101-6370000>

GTIN

4048879340434

|                          |               |
|--------------------------|---------------|
| EU-Customs tariff number | 85444995      |
| 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                      | 4048879340434 |
| Packaging unit           | 1             |

#### Mechanical data | Mounting data

|              |       |
|--------------|-------|
| Cable length | 100 m |
|--------------|-------|

#### 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

|                                     |                                                                |
|-------------------------------------|----------------------------------------------------------------|
| Stranding                           | 1 × 4 wires stranded                                           |
| Wire arrangement                    | BK 1, BK 2, BK 3, GNYE                                         |
| Material wire insulation            | PP                                                             |
| Amount wires                        | 4                                                              |
| Outer diameter insulation           | 1.85 mm ± 0.1 mm                                               |
| Conductor crossection (wire)        | 0,75 mm²                                                       |
| Material conductor wire             | Stranded copper wire, bare                                     |
| Core construction (wire)            | 42 × 0.15 mm                                                   |
| Ingredient freeness wire insulation | lead-free, cadmium-free, CFC-free, halogen-free, silicone-free |
| Material jacket                     | PUR                                                            |
| Outer-diameter (jacket)             | 6.5 mm ± 5 %                                                   |
| Jacket Color                        | black / RAL 9005                                               |
| 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)         | 26 Ω/km @ 20 °C                                                |
| Nominal voltage max.                | 300 V                                                          |
| Withstand voltage (wire - wire)     | 2.5 kV @ 60 s                                                  |
| Withstand voltage (wire - jacket)   | 2.5 kV @ 60 s                                                  |
| Current load capacity max. (wire)   | 9,6 A                                                          |
| Current load capacity (standard)    | to DIN VDE 0298-4                                              |
| Operating temperature (static)      | -40 °C ... 80 °C / 90 °C @ 10000 h Operation                   |
| Operating temperature (dynamic)     | -25 °C ... 80 °C / 90 °C @ 10000 h Operation                   |
| Operating temperature (drag chain)  | -25 °C ... 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 |
| Notes                           | application-related testing                                                 |
| Bending radius (fixed)          | 5 × Outer diameter                                                          |
| Bending radius (dynamic)        | 10 × Outer diameter                                                         |
| No. of bending cycles (C-track) | 10 Mio. @ 25 °C                                                             |
| Traversing distance (C-track)   | 10 m @ 25 °C   horizontal                                                   |
| Travel speed (C-track)          | 3 m/s @ 25 °C                                                               |
| Acceleration (C-track)          | 10 m/s² @ 25 °C                                                             |
| No. of torsion cycles           | 2 Mio.                                                                      |
| Torsion stress                  | ± 180 °/m                                                                   |
| Torsion speed                   | 35 cycles/min                                                               |