

**Cable drum Ø 500mm**

PUR 4x0.75 bk UL/CSA 300m

Art.No.: 7000-C0503-6270000

Weight: 23.404 kg

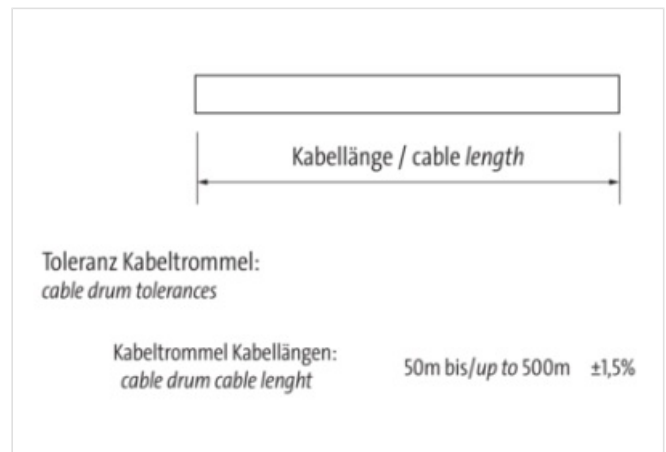
Country of origin: DE

Model designation: 300m KABEL 10080387 (627) KABELTROMMEL

Cable drum (300 m)

PUR/PVC

4× 0.75 mm<sup>2</sup>, black  
suitable for C-tracks  
2 Mio.

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

Product may differ from Image

**Header**

Material short text

100m Kabel 10080390(628)auf Spule 01

**Commercial data**

The information in this Product-PDF has been compiled with the utmost care.  
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Murrelektronik GmbH | Grabenstraße 29 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com

|                       |                                                                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------|
| URL Webshop           | <a href="https://shop.murrelektronik.com/7000-C0101-6280000">https://shop.murrelektronik.com/7000-C0101-6280000</a> |
| GTIN                  | 4048879340571                                                                                                       |
| 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                   | 4048879577120                                                                                                       |
| Packaging unit        | 1                                                                                                                   |
| customs tariff number | 85444995                                                                                                            |
| EAN                   | 4048879577120                                                                                                       |
| 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                     | 627                                              |
| Cable Type                               | 2                                                |
| Stranding                                | 1 × 4 wires stranded                             |
| Wire arrangement                         | black 1, black 2, black 3, green-yellow          |
| Cable weight                             | 68 g/m                                           |
| Material wire insulation                 | PVC                                              |
| Amount wires                             | 4                                                |
| Outer diameter insulation                | 1,8 mm                                           |
| Outer diameter tolerance core insulation | ± 0,1 mm                                         |
| Shore hardness wire insulation           | 43 ± 5 Shore D                                   |
| Material properties wire insulation      | good machinability                               |
| Ingredient freeness wire insulation      | lead-free, cadmium-free, CFC-free, silicone-free |
| Printing color of wire insulation        | white (isolation black)                          |
| Amount strands (wire)                    | 42                                               |
| Diameter of single wires                 | 0,15 mm                                          |
| Conductor crosssection (wire)            | 0,75 mm²                                         |
| Material conductor wire                  | Stranded copper wire, bare                       |
| Conductor type (wire)                    | strand class 6                                   |
| Outer-diameter (jacket)                  | 6,5 mm                                           |
| Tolerance outer diameter (sheath)        | ± 5 %                                            |
| Material jacket                          | PUR                                              |
| Shore hardness jacket                    | 85 ± 5 Shore A                                   |

|                                      |                                                                             |
|--------------------------------------|-----------------------------------------------------------------------------|
| Freedom from ingredients (jacket)    | lead-free, cadmium-free, CFC-free, silicone-free                            |
| Material property (jacket)           | abrasion-resistant, low adhesion, good machinability, matte                 |
| Material inner jacket                | PVC                                                                         |
| Color (inner jacket)                 | black                                                                       |
| Conductor resistance (wire)          | 26 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                                                                 |
| Current load capacity (standard)     | to DIN VDE 0298-4                                                           |
| Current load capacity max. (wire)    | 9,6 A                                                                       |
| Operating temperature min. (static)  | -30 °C                                                                      |
| Operating temperature max. (static)  | 80 °C                                                                       |
| Operating temperature min. (dynamic) | -5 °C                                                                       |
| Operating temperature max. (dynamic) | 80 °C                                                                       |
| Oil resistance                       | good                                                                        |
| Chemical resistance                  | good                                                                        |
| Other resistances                    | good resistance to gasoline, resistant to hydrolysis, resistant to microbes |
| Bending radius (fixed)               | 10 × Outer diameter                                                         |
| Bending radius (dynamic)             | 15 × 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)               | 5 m/s² @ 25 °C                                                              |