

**Cable drum Ø 355mm**

TPE 4x2x24AWG SF/UTP CAT5e bu UL/CSA. CM 100m

Art.No.: 7700-C0201-S4W0000

Weight: 8.004 kg

Country of origin: US

Model designation: 100m Kabel 10080453(S4W)gesch.Kabeltromm

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.

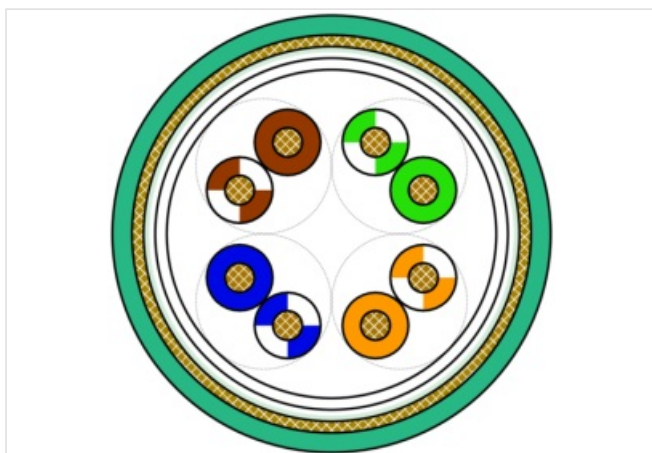
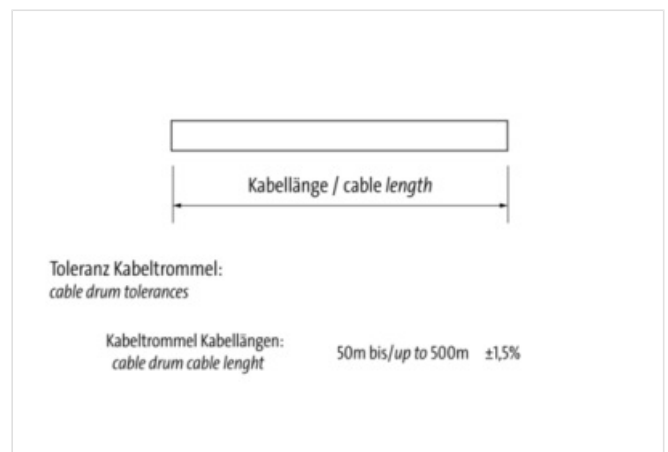
Cable drum (100 m)

TPE

4x 2x AWG24

Shielded

blue

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

Product may differ from Image

**Commercial data**

URL Webshop

<https://shop.murrelektronik.com/7700-C0201-S4W0000>

GTIN

4048879663663

|                          |               |
|--------------------------|---------------|
| EU-Customs tariff number | 85444995      |
| US-Customs tariff number | 8544499000    |
| ECLASS-6.0               | 27279218      |
| 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      |
| ETIM-9.0                 | EC001855      |
| ETIM-10.0                | EC001855      |
| customs tariff number    | 85444995      |
| EAN                      | 4048879663663 |
| 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                           | 4 × 2 wires stranded                           |
| Stranding (type 2)                  | 1 × 4 stranding combinations stranded          |
| Banding                             | Foil                                           |
| Wire arrangement                    | (OGWH, OG), (BUWH, BU), (BNWH, BN), (GNWH, GN) |
| Material wire insulation            | HDPE                                           |
| Amount wires                        | 8                                              |
| Outer diameter insulation           | 1.17 mm ± 0.05 mm                              |
| Conductor crosssection (wire)       | 24 AWG                                         |
| Material conductor wire             | copper stranded wire, tinned                   |
| Core construction (wire)            | 7 x 32 AWG                                     |
| Ingredient freeness wire insulation | lead-free, CFC-free                            |
| Material jacket                     | TPE                                            |
| Outer-diameter (jacket)             | 7.6 mm ± 5 %                                   |
| Jacket Color                        | blue / RAL 5018                                |
| Freedom from ingredients (jacket)   | lead-free, CFC-free                            |
| Conductor resistance (wire)         | 76.4 Ω/km @ 20 °C                              |
| Nominal voltage max.                | 600 V                                          |
| Current load capacity max. (wire)   | 2 A                                            |
| Current load capacity (standard)    | to DIN VDE 0298-4                              |
| Cable type                          | Industrial Ethernet Profinet Typ C, CAT5e      |

|                                 |                     |
|---------------------------------|---------------------|
| Operating temperature (static)  | -40 °C ... 80 °C    |
| Operating temperature (dynamic) | -40 °C ... 80 °C    |
| Bending radius (fixed)          | 4 × Outer diameter  |
| Bending radius (dynamic)        | 15 × Outer diameter |
| No. of bending cycles (C-track) | 1 Mio. @ 25 °C      |
| No. of torsion cycles           | 3 Mio. @ 25 °C      |
| Torsion stress                  | ± 270 °/m           |