

**Cable drum Ø 500mm**

PUR 4x2xAWG26 shielded gn UL/CSA 500m

Art.No.: 7000-C0505-7900000

Weight: 29.003 kg

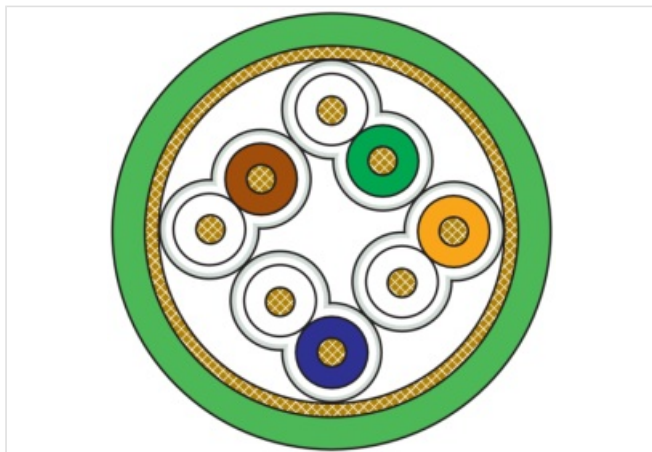
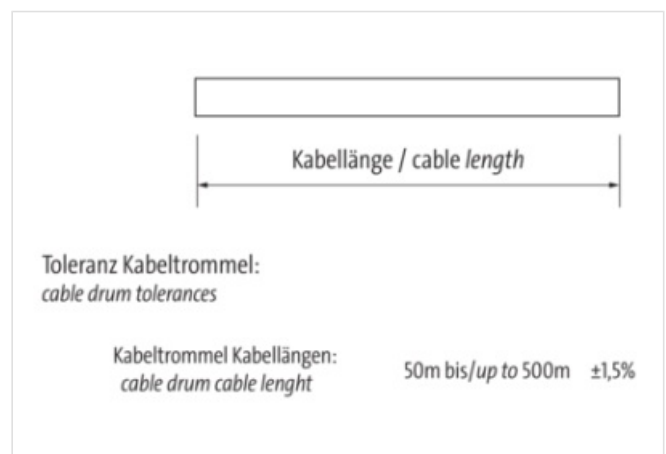
Country of origin: IT

Model designation: 500m Kabel 10080464(790)auf Kabeltrommel

Cable drum (300 m)

Industrial Ethernet CAT7

PUR (UL/CSA)

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

Product may differ from Image

**Header**

Material short text

500m Kabel 10080464(790)auf Kabeltrommel

**Commercial data**

URL Webshop

<https://shop.murrelektronik.com/7000-C0505-7900000>

|                       |               |
|-----------------------|---------------|
| GTIN                  | 4048879618656 |
| 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                   | 4048879618656 |
| 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                     | 790                                                            |
| Function cable                           | Data                                                           |
| Stranding                                | 4 × 2 wires stranded                                           |
| Amount stranding (type 2)                | 1                                                              |
| Stranding (type 2)                       | 1 × 4 stranding combinations stranded                          |
| Cable shielding (type)                   | copper braid, tinned                                           |
| Cable shielding (coverage)               | 65 %                                                           |
| Pair shielding (type)                    | Metal foil                                                     |
| Banding                                  | Foil                                                           |
| Wire arrangement                         | (white, brown), (white, green), (white, orange), (white, blue) |
| Cable weight                             | 48 g/m                                                         |
| Material wire insulation                 | PE                                                             |
| Amount wires                             | 8                                                              |
| Outer diameter insulation                | 1,05 mm                                                        |
| Outer diameter tolerance core insulation | - 0,02 mm                                                      |
| Shore hardness wire insulation           | 65 ± 5 Shore D                                                 |
| Ingredient freeness wire insulation      | lead-free, CFC-free, halogen-free                              |
| Amount strands (wire)                    | 7                                                              |
| Diameter of single wires                 | 34 AWG                                                         |
| Conductor crosssection (wire)            | 26 AWG                                                         |
| Material conductor wire                  | Stranded copper wire, bare                                     |
| Outer-diameter (jacket)                  | 6,4 mm                                                         |
| Tolerance outer diameter (sheath)        | ± 5 %                                                          |
| Material jacket                          | PUR                                                            |
| Shore hardness jacket                    | 89 ± 5 Shore A                                                 |

|                                                 |                                                |
|-------------------------------------------------|------------------------------------------------|
| Freedom from ingredients (jacket)               | lead-free, CFC-free, halogen-free              |
| Conductor resistance (wire)                     | 140 $\Omega$ /km @ 20 °C                       |
| Electrical capacity line constant (wire - wire) | 44.000 pF/km                                   |
| Isolation resistance                            | 5.000 M $\Omega$ × km                          |
| Nominal voltage max.                            | 125 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)               | 2 A                                            |
| Characteristic impedance                        | 100 $\Omega$ ± 15 % @ 15 MHz                   |
| Operating temperature min. (static)             | -40 °C                                         |
| Operating temperature max. (static)             | 80 °C                                          |
| Operating temperature min. (dynamic)            | -30 °C                                         |
| Operating temperature max. (dynamic)            | 70 °C                                          |
| Flame resistance                                | UL 1581 § 1090, UL 1581 § 1100, IEC 60332-1-2  |
| Oil resistance                                  | IEC 60811-404, IRM 902                         |
| Ozone resistance                                | EN 50396                                       |
| Other resistances                               | resistant to microbes, MUD-resistant (NEK 606) |
| Bending radius (fixed)                          | 8 × Outer diameter                             |
| Bending radius (dynamic)                        | 10 × Outer diameter                            |