

Cable drum Ø 500mm

PUR 1x2xAWG24 shielded vt UL/CSA+drag ch. 500m

Art.No.: 7000-C0505-8400000

Weight: 46.505 kg

Country of origin: IT

Model designation: 500m Kabel 10080998(840)gesch.Kabeltromm

Cable drum (500 m)

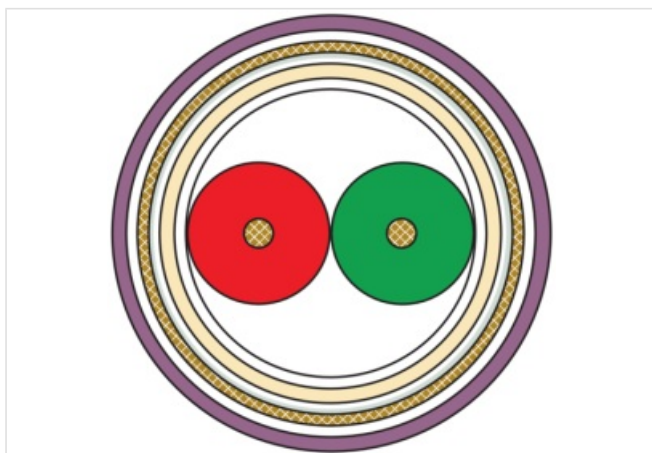
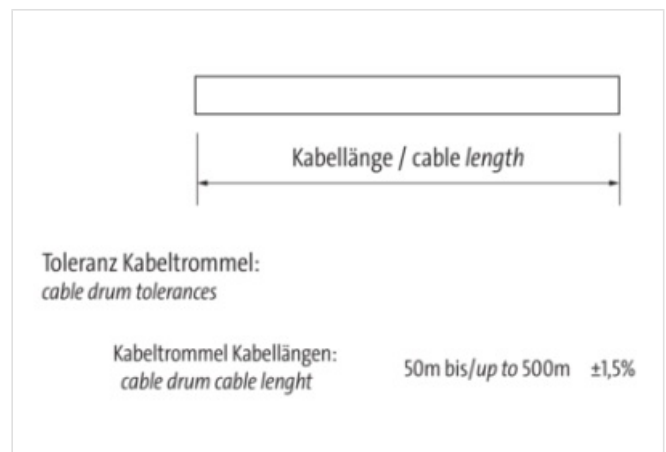
Profibus

1 × 2 × 0.25 mm²

PUR (UL/CSA)

suitable for C-tracks

10 Mio.

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

Product may differ from Image

**Header**

Material short text

500m Kabel 10080998(840)gesch.Kabeltromm

Commercial data

URL Webshop	https://shop.murrelektronik.com/7000-C0505-8400000
GTIN	4048879328821
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	4048879328821
Packaging unit	1

Important installation notes

Note on bending radius	Attention: 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	840
Function cable	Data
Stranding	1 × Wires
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	70 %
Banding	Fleece, Foil
Cable weight	75 g/m
Material wire insulation	cell polyethylene
Amount wires	2
Outer diameter insulation	2,55 mm
Outer diameter tolerance core insulation	± 0,1 mm
Shore hardness wire insulation	65 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	19
Diameter of single wires	36 AWG
Conductor crosssection (wire)	24 AWG
Material conductor wire	Stranded copper wire, bare
Outer-diameter (jacket)	7,8 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	90 ± 3 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
Material inner jacket	TPE-V

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-02-16

Murrelektronik GmbH | Grabenstraße 29 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com

Color (inner jacket)	white
Conductor resistance (wire)	78 Ω /km @ 20 °C
Electrical capacity line constant (wire - wire)	30.000 pF/km
Nominal voltage max.	250 V
Withstand voltage (wire - wire)	1 kV @ 60 s
Withstand voltage (wire - jacket)	1 kV @ 60 s
Withstand voltage (wire - shield)	1 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	3 A
Characteristic impedance	150 Ω 10 MHz
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	80 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	60 °C
Operating temperature min. (drag chain)	-20 °C
Operating temperature max. (drag chain)	60 °C
Other resistances	resistant to hydrolysis, resistant to microbes
Bending radius (fixed)	10 × Outer diameter
Bending radius (dynamic)	12 × 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 m/s @ 25 °C
Acceleration (C-track)	5 m/s ² @ 25 °C