

Cable drum Ø 500mm

PVC 1x2xAWG24 shielded vt UL/CSA 500m

Art.No.: 7000-C0505-8500000

Weight: 35.502 kg

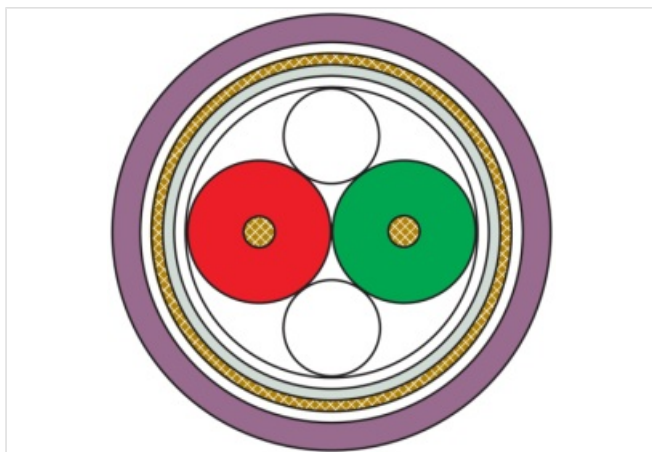
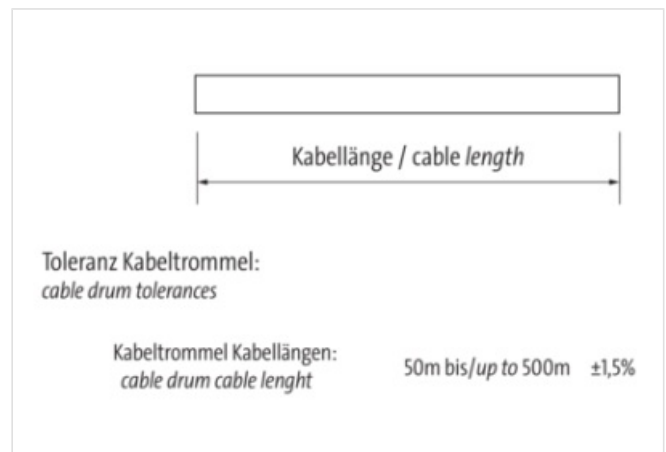
Country of origin: IT

Model designation: 500m Kabel 10080477(850)gesch.Kabeltromm

Cable drum (500 m)

Profibus

PVC (UL/CSA)

1 × 2 × 0.25 mm²**[Link to Product](#)****Illustration**

Product may differ from Image

**Header**

Material short text

500m Kabel 10080477(850)gesch.Kabeltromm

Commercial data

URL Webshop	https://shop.murrelektronik.com/7000-C0505-8500000
GTIN	4048879504928
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	4048879504928
Packaging unit	1
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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	850
Stranding	1 × Wires
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	70 %
Banding	Fleece, Foil
Filler	Yes
Cable weight	69 g/m
Material wire insulation	PE
Amount wires	2
Outer diameter insulation	2,55 mm
Outer diameter tolerance core insulation	± 0,1 mm
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	PVC
Freedom from ingredients (jacket)	lead-free, CFC-free
Conductor resistance (wire)	78 Ω/km @ 20 °C
Electric capacitance	30.000 pF/km

Isolation resistance	1.000 M Ω × km
Nominal voltage max.	30 V
Withstand voltage (wire - wire)	1.5 kV @ 60 s
Withstand voltage (wire - jacket)	1.5 kV @ 60 s
Withstand voltage (wire - shield)	1.5 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	3 A
Characteristic impedance	150 Ω 15 MHz
Operating temperature min. (static)	-25 °C
Operating temperature max. (static)	70 °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)	50 °C
Bending radius (fixed)	7.5 × Outer diameter
Bending radius (dynamic)	12 × 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 m/s @ 25 °C
Acceleration (C-track)	5 m/s ² @ 25 °C