

Cable drum Ø 500mm

PUR 5x2.5 gy UL/CSA+drag ch. 300m

Art.No.: 7000-C0503-9620000

Weight: 62.111 kg

Country of origin: DE

Model designation: 300m Kabel 10080536(962)auf Kabeltrommel

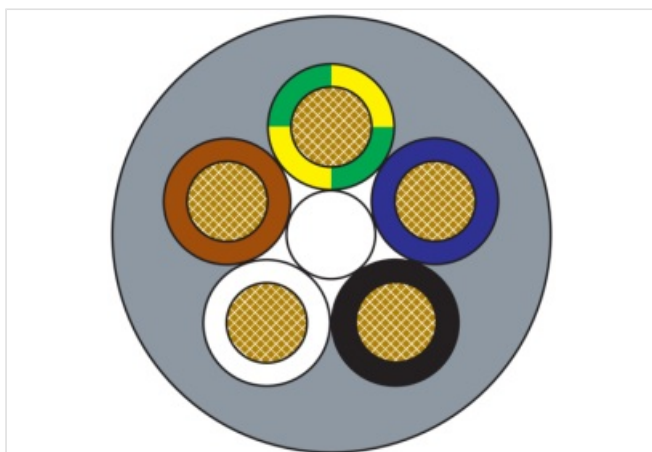
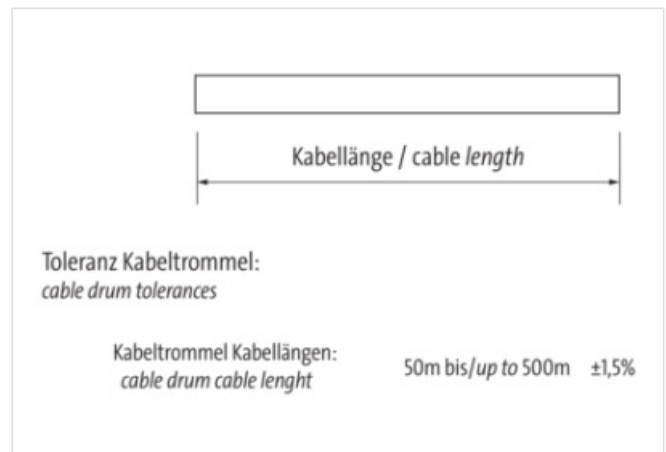
Cable drum (300 m)

PUR (UL/CSA)

5× 2.5 mm²

suitable for C-tracks

5 Mio.

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

Product may differ from Image

**Header**

Material short text

300m Kabel 10080536(962)auf Kabeltrommel

Commercial data

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

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URL Webshop	https://shop.murrelektronik.com/7000-C0503-9620000
GTIN	4048879446938
ECLASS-6.0	27062011
ECLASS-6.1	27062011
ECLASS-7.0	27062011
ECLASS-8.0	27062011
ECLASS-9.0	27060106
ECLASS-10.1	27060106
ECLASS-11.1	27060106
ECLASS-12.0	27060106
ETIM-5.0	EC001855
ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855
customs tariff number	85444995
EAN	4048879446938
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	962
Cable Type	3
Function cable	Power
Stranding	1 × 5 wires around core filler twisted
Filler	Yes
Cable weight	173 g/m
Material wire insulation	PP
Amount wires	5
Outer diameter insulation	2,85 mm
Outer diameter tolerance core insulation	± 0,1 mm
Shore hardness wire insulation	60 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Printing color of wire insulation	white (isolation blue), white (isolation brown), white (isolation black), black (white isolation)
Amount strands (wire)	140
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	2,5 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Outer-diameter (jacket)	9,5 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	90 ± 5 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
Conductor resistance (wire)	7.98 Ω/km @ 20 °C
Nominal voltage max.	1.000 V
Withstand voltage (wire - wire)	10 kV @ 60 s
Withstand voltage (wire - jacket)	10 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	19,5 A
Operating temperature min. (static)	-50 °C
Operating temperature max. (static)	80 °C / 90 °C @ 10000 h Operation

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Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	IEC 60332-1-2, IEC 60332-2-2, UL 1581 § 1080, CSA FT2
Oil resistance	IEC 60811-404
Chemical resistance	good
Other resistances	good resistance to gasoline, resistant to hydrolysis, resistant to microbes
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	5 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
No. of torsion cycles	5 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min