

Cable drum Ø 355mm

PUR 4x2xAWG24 shielded gn UL+drag ch. 100m

Art.No.: 7000-C0201-8260000

Weight: 12.867 kg

Country of origin: IT

Model designation: 100m Kabel 10080437(826)auf Spule 02

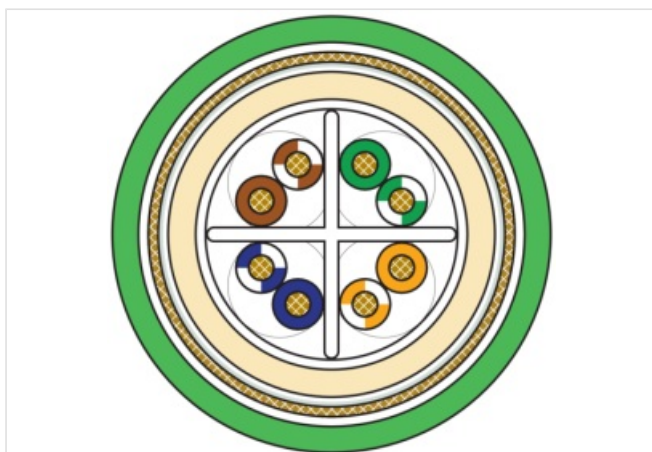
Cable drum (100 m)

PUR (UL/CSA)

4x2xAWG24

Shielded

suitable for C-tracks

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

Product may differ from Image

**Header**

Material short text

100m Kabel 10080437(826)auf Spule 02

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-C0201-8260000
GTIN	4048879884532
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
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ECLASS-10.0.1	27061801
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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	4048879884532
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	826
Function cable	Data
Stranding	4 × 2 wires stranded
Amount stranding (type 2)	1
Stranding (type 2)	1 × 4 stranding combinations stranded around insulation element
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
Filler	Insulation element
Wire arrangement	(brown, brown-white), (green, green-white), (orange, orange-white), (blue, blue-white)
Cable weight	106 g/m
Material wire insulation	PP
Amount wires	8
Outer diameter insulation	1,05 mm
Outer diameter tolerance core insulation	± 0,05 mm
Shore hardness wire insulation	61 ± 3 Shore D
Amount strands (wire)	7
Diameter of single wires	32 AWG
Conductor crosssection (wire)	24 AWG
Material conductor wire	Stranded copper wire, bare
Outer-diameter (jacket)	8,9 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
Color (inner jacket)	natural
Conductor resistance (wire)	87.6 Ω /km @ 20 °C
Electrical capacity line constant (wire - wire)	52.000 pF/km
Isolation resistance	5 G Ω × 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)	3 A
Characteristic impedance	100 Ω ± 15 %
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	80 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-1-2, UL 1581 § 1060, UL 1581 § 1090, UL 1581 § 1100
Oil resistance	IEC 60811-404, IRM 901, IRM 902
Ozone resistance	EN 50396
UV resistance	UL 1581 § 1200 @ 300 h
Other resistances	good resistance to saturated hydrocarbons (diesel, kerosene, petrol ether), resistant to hydrolysis, resistant to microbes
Bending radius (fixed)	8 × Outer diameter
Bending radius (dynamic)	15 × 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)	3 m/s ² @ 25 °C
No. of torsion cycles	1 Mio.
Torsion stress	± 180 °/m