

Cable drum Ø 355mm

PUR 5x0.25 shielded gy drag ch. 100m

Art.No.: 7000-C0201-2900000

Weight: 7.204 kg

Country of origin: DE

Model designation: 100m Kabel 10080862(290)gesch.Kabeltromm

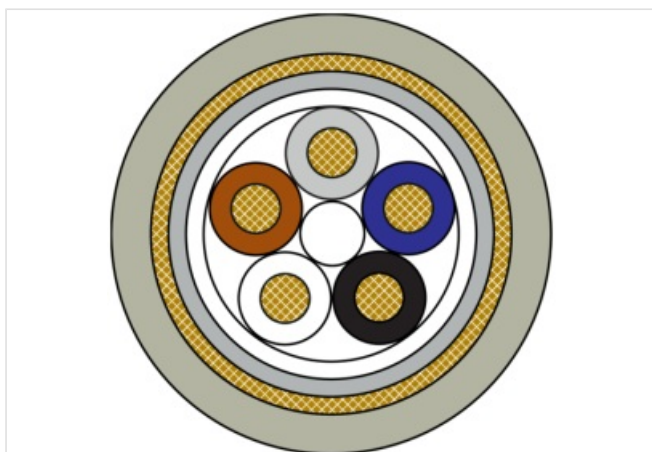
Cable drum (100 m)

PUR

5× 0.25 mm², grey

suitable for C-tracks

2 Mio.

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

Product may differ from Image

**Header**

Material short text

100m Kabel 10080862(290)gesch.Kabeltromm

Commercial data

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

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

URL Webshop	https://shop.murrelektronik.com/7000-C0201-2900000
GTIN	4048879405058
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	4048879405058
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	290
Stranding	1 × 5 wires around core filler twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece
Filler	Yes
Wire arrangement	brown, gray, blue, black, white
Cable weight	40 g/m
Material wire insulation	TPE-E
Amount wires	5
Outer diameter insulation	1,05 mm
Outer diameter tolerance core insulation	± 0,05 mm
Shore hardness wire insulation	42 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	32
Diameter of single wires	0,1 mm
Conductor crosssection (wire)	0,25 mm²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Outer-diameter (jacket)	5,1 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free
Material property (jacket)	abrasion-resistant, low adhesion, good machinability, matte

Material inner jacket	PVC
Color (inner jacket)	gray
Conductor resistance (wire)	79.9 Ω /km @ 20 °C
Electric inductivity line constant	0,8 pF/km
Electrical capacity line constant (wire - wire)	50.000 pF/km
Electrical capacity line constant (wire - shield)	185.000 pF/km
Isolation resistance	20 M Ω × km
Nominal voltage max.	350 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)	3,4 A
Characteristic impedance	75 Ω 15 MHz
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	70 °C
Operating temperature min. (dynamic)	-20 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-1-2
Oil resistance	IEC 60811-404
Chemical resistance	good
Other resistances	good resistance to gasoline, resistant to hydrolysis, resistant to microbes
Bending radius (dynamic)	7.5 × Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	3.3 m/s @ 25 °C
Acceleration (C-track)	5 m/s ² @ 25 °C
Torsion stress	± 180 °/m