

Cable drum Ø 500mm

PUR 1x2xAWG22 shielded vt UL/CSA+drag ch. 300m

Art.No.: 7000-C0503-7860000

Weight: 25.202 kg

Country of origin: IT

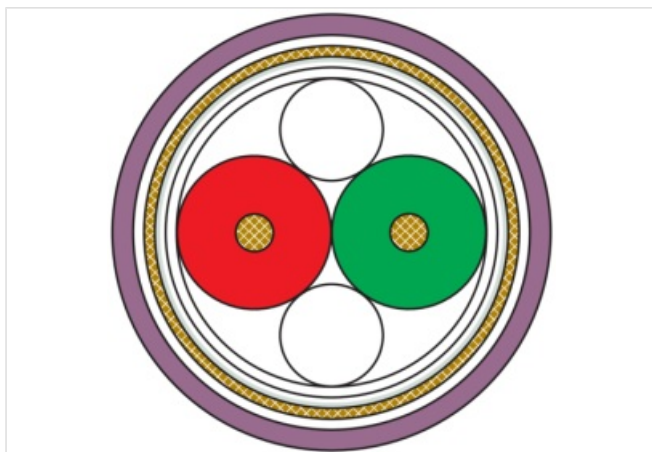
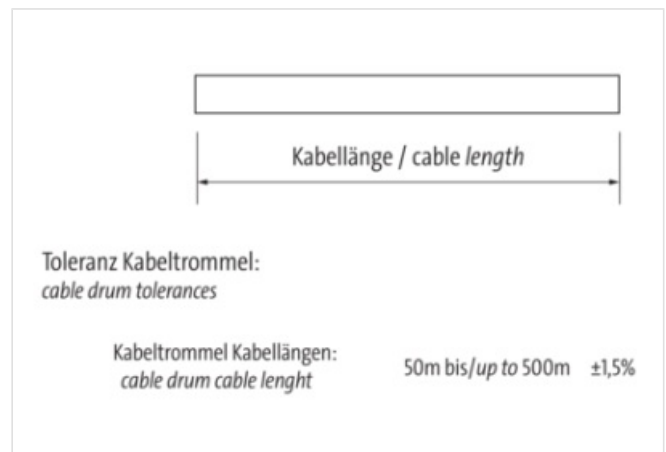
Model designation: 300m Kabel 10080357(786)gesch. Spule 05

Profibus

PUR (UL/CSA)

violet

suitable for C-tracks

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

Product may differ from Image

**Header**

Material short text

300m Kabel 10080357(786)gesch. Spule 05

Commercial data

URL Webshop	https://shop.murrelektronik.com/7000-C0503-7860000
GTIN	4048879534239
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	4048879534239
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	786
Function cable	Data
Stranding	1 × 2 wires stranded with 2 fillers
Banding	Fleece, Foil
Filler	Yes
Wire arrangement	red, green
Cable weight	74 g/m
Material wire insulation	cell polyethylene
Amount wires	2
Outer diameter insulation	2,8 mm
Outer diameter tolerance core insulation	± 0,1 mm
Shore hardness wire insulation	51 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	19
Diameter of single wires	34 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
Outer-diameter (jacket)	8,1 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	80 ± 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
Conductor resistance (wire)	59.4 Ω/km @ 20 °C
Electrical capacity line constant (wire - wire)	30.000 pF/km

Nominal voltage max.	100 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)	6 A
Characteristic impedance	150 $\Omega \pm 10\%$ @ 1 MHz
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Operating temperature min. (drag chain)	-30 °C
Operating temperature max. (drag chain)	70 °C
Flame resistance	IEC 60332-1-2, UL 1581 § 1060, UL 1581 § 1090, UL 1581 § 1100
Oil resistance	IEC 60811-404, IRM 902
Ozone resistance	EN 50396
UV resistance	UL 1581 § 1200
Other resistances	good resistance to saturated hydrocarbons (diesel, kerosene, petrol ether), resistant to hydrolysis, resistant to microbes, MUD-resistant (NEK 606)
Bending radius (fixed)	6 × Outer diameter
Bending radius (dynamic)	12 × Outer diameter
No. of bending cycles (C-track)	3 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C horizontal
Travel speed (C-track)	3 m/s @ 25 °C
Acceleration (C-track)	3 m/s ² @ 25 °C