

Cable drum Ø 500mm

PUR 1x2xAWG22 shielded vt UL/CSA+drag ch. 500m

Art.No.: 7000-C0505-7860000

Weight: 40.002 kg

Country of origin: IT

Model designation: 500m Kabel 10080357(786)gesch. Spule 05

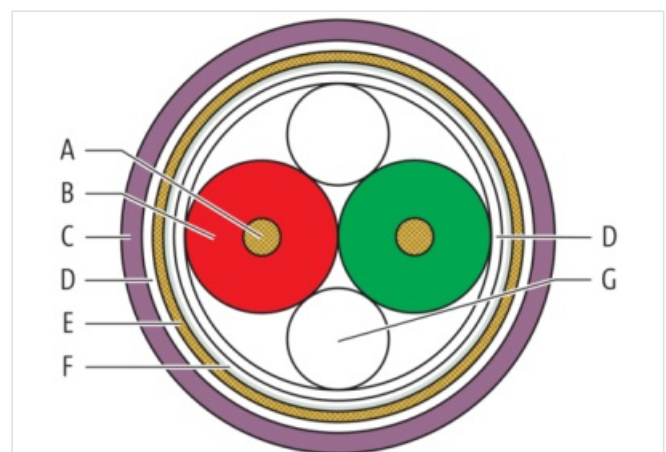
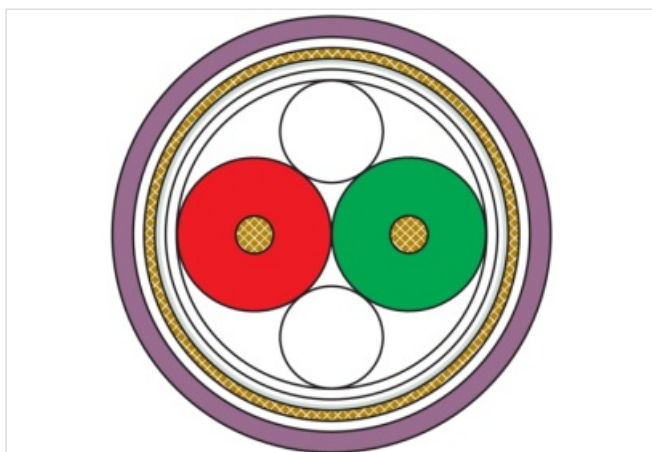
Cable drum (500 m)

Profibus

PUR (UL/CSA)

violet

suitable for C-tracks

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

Product may differ from Image

**Header**

Material short text

500m Kabel 10080357(786)gesch. Spule 05

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-C0505-7860000
GTIN	4048879534253
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	4048879534253
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
Amount stranding	1
Stranding	1 × 2 wires stranded with 2 fillers
Banding	Fleece, Foil
Filler	Yes
Cable weight	74 g/m
Material wire insulation	PE
Amount wires	2
Outer diameter insulation	2,8 mm
Outer diameter tolerance core insulation	± 0,05 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	22 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.	300 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 Ω 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)	90 °C
Other resistances	resistant to hydrolysis, resistant to microbes
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
Travel speed (C-track)	3 m/s @ 25 °C
Acceleration (C-track)	3 m/s ² @ 25 °C