

Cable drum Ø 500mm

PUR 0.25+1.0 shielded vt drag ch. 500m

Art.No.: 7000-C0505-8150000

Weight: 17.502 kg

Country of origin: DE

Model designation: 500m Kabel 10080719(815)auf Kabeltrommel

Cable drum (500 m)

PUR (UL/CSA), welding spark

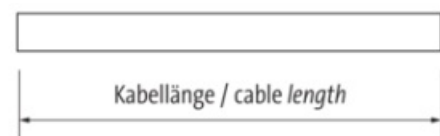
4× 0.34 mm²

suitable for C-tracks

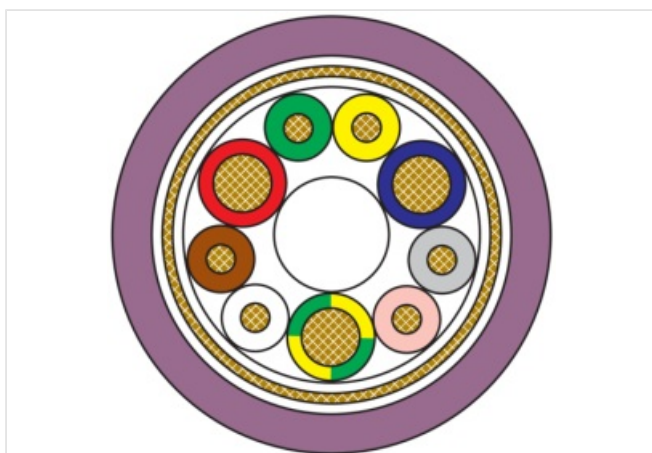
5 Mio.

Suitable for robots

±360°/m

Link to Product**Illustration**Toleranz Kabeltrommel:
*cable drum tolerances*Kabeltrommel Kabellängen:
cable drum cable length

50m bis/up to 500m ±1,5%



Product may differ from Image

**Header**

Material short text 500m Kabel 10080719(815)auf Kabeltrommel

Commercial data

URL Webshop	https://shop.murrelektronik.com/7000-C0505-8150000
GTIN	4048879403672
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	4048879403672
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	815
Function cable	Hybrid, Signal, Data
Stranding	3 × Wires
Amount stranding (type 2)	1
Stranding (type 2)	1 × Wires
Cable shielding (type)	copper braiding, bare
Banding	Fleece, Foil
Filler	Yes
Cable weight	92 g/m
Material wire insulation	Polyolefin
Amount wires	3
Outer diameter insulation	1,7 mm
Outer diameter tolerance core insulation	± 0,05 mm
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	56
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	1 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Material wire insulation (type 2)	Polyolefin
Outer diameter wire insulation (type 2)	1,3 mm
Tolerance outer diameter wire insulation (type 2)	± 0,05 mm

Ingredient freeness wire insulation (type 2)	lead-free, CFC-free, halogen-free
Amount wires (type 2)	6
Amount strands wire (type 2)	19
Diameter of single wires (type 2)	24 mm
Conductor crosssection wire (type 2)	24 mm ²
Material conductor wire (type 2)	Stranded copper wire, bare
Outer-diameter (jacket)	8,5 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Material property (jacket)	low adhesion, matte
Conductor resistance (wire)	19.5 Ω/km @ 20 °C
Conductor resistance (wire type 2)	69.2 Ω/km @ 20 °C
Electric capacitance	6.000 pF/km
Isolation resistance	5.000 MΩ × km
Nominal voltage max.	250 V
Loop resistance	159,8 Ω/km
Withstand voltage (wire - wire)	1.5 kV @ 60 s
Withstand voltage (wire - jacket)	1.5 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)	9,8 A
Current load capacity max. Wire (type 2)	3 A
Characteristic impedance	95 Ω 15.8 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
Storage temperature min.	-40 °C
Storage temperature max.	80 °C
Bending radius (fixed)	8 × Outer diameter
Bending radius (dynamic)	15 × Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	4.5 m @ 25 °C
Travel speed (C-track)	3 m/s @ 25 °C
Acceleration (C-track)	3 m/s ² @ 25 °C