

Cable drum Ø 355mm

PVC 5x0.34 ye UL/CSA 100m

Art.No.: 7000-C0101-0190000

Weight: 6.043 kg

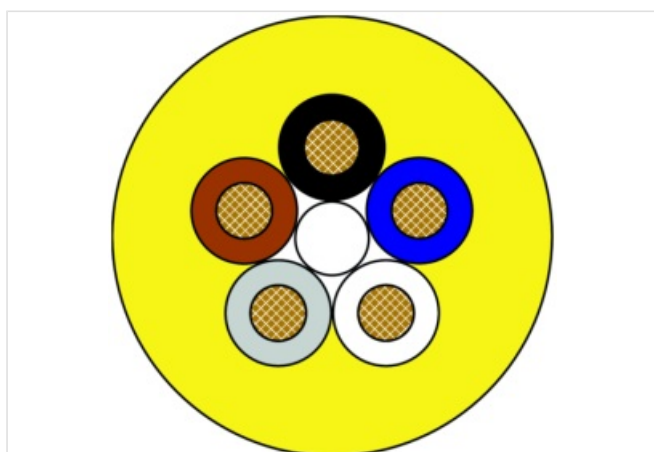
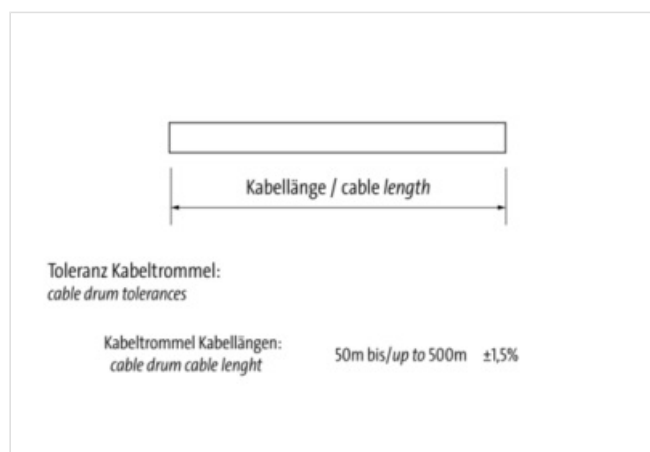
Country of origin: DE

Model designation: 100m Kabel 10081503(019)auf Spule 01

The selection of cables suitable for cable reels must always be based on the specific application. In particular, the mechanical and dynamic loads encountered during operation must be taken into account. These include, among other things, permissible bending radii, drag chain and continuous motion properties, torsional characteristics, and other environmental and application-specific requirements.

Cable drum (100 m)

PVC (UL/CSA)

5× 0.34 mm², yellow**[Link to Product](#)****Illustration**

Product may differ from Image

Commercial data

URL Webshop	https://shop.murrelektronik.com/7000-C0101-0190000
GTIN	4048879569729
EU-Customs tariff number	85444995

US-Customs tariff number	8544499000
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	4048879842112
Packaging unit	1

Mechanical data | Mounting data

Cable length	100 m
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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

Stranding	1 × 5 wires around core filler twisted
Filler	Yes
Wire arrangement	BN, BK, BU, WH, GY
Material wire insulation	PVC
Amount wires	5
Outer diameter insulation	1.25 mm ± 0.05 mm
Conductor crosssection (wire)	0,34 mm²
Material conductor wire	Stranded copper wire, bare
Core construction (wire)	19 × 0.15 mm
Material properties wire insulation	good machinability
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Material jacket	PVC
Outer-diameter (jacket)	5.2 mm ± 5 %
Jacket Color	yellow / RAL 1021
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, silicone-free
Material property (jacket)	good machinability
Conductor resistance (wire)	57 Ω/km @ 20 °C
Nominal voltage max.	300 V
Withstand voltage (wire - wire)	2 kV @ 60 s
Withstand voltage (wire - jacket)	2 kV @ 60 s
Current load capacity max. (wire)	4,5 A
Current load capacity (standard)	to DIN VDE 0298-4
Operating temperature (static)	-30 °C ... 80 °C

Operating temperature (dynamic)	-5 °C ... 80 °C
Flame resistance	UL 1581 § 1080, CSA FT1, IEC 60332-1-2
Oil resistance	good
Chemical resistance	good
Other resistances	good resistance to gasoline
Notes	application-related testing
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter