

Cable drum Ø 500mm

PVC 1x4xAWG22 shielded gn UL/CSA+drag ch. 500m

Art.No.: 7000-C0505-8000000

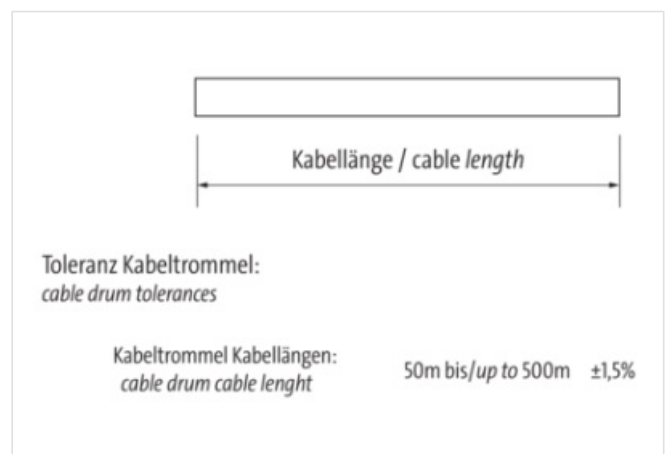
Weight: 36.504 kg

Country of origin: IT

Model designation: 500m Kabel 10080428(800)gesch.Kabeltromm

Cable drum (500 m)

PVC (UL/CSA)

2× 2× AWG22/7 (0.355 mm²)**Link to Product****Illustration**

Product may differ from Image

**Header**

Material short text 500m Kabel 10080428(800)gesch.Kabeltromm

Commercial dataURL Webshop <https://shop.murrelektronik.com/7000-C0505-8000000>

GTIN	4048879473064
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	4048879473064
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	800
Function cable	Data
Stranding	1 × 4 wires around core filler star-shaped twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Foil
Filler	Yes
Wire arrangement	orange, white, yellow, blue
Cable weight	67 g/m
Material wire insulation	PE
Amount wires	4
Outer diameter insulation	1,53 mm
Outer diameter tolerance core insulation	± 0,05 mm
Shore hardness wire insulation	55 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	7
Diameter of single wires	30 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 2
Outer-diameter (jacket)	6,6 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PVC
Shore hardness jacket	85 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free

Material property (jacket)	abrasion-resistant, low adhesion, good machinability, matte
Material inner jacket	FRNC
Color (inner jacket)	natural
Conductor resistance (wire)	55 Ω/km @ 20 °C
Electric capacitance	55.000 pF/km
Isolation resistance	2.000 MΩ × km
Nominal voltage max.	60 V
Loop resistance	124 Ω/km
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)	4,8 A
Characteristic impedance	100 Ω ± 15 % @ 1 MHz
Operating temperature min. (static)	-30 °C
Operating temperature max. (static)	80 °C
Operating temperature min. (dynamic)	-10 °C
Operating temperature max. (dynamic)	70 °C
Operating temperature min. (drag chain)	-10 °C
Operating temperature max. (drag chain)	70 °C
Flame resistance	IEC 60332-1-2, UL 1581 § 1060, UL 1581 § 1061
Oil resistance	IEC 60811-404, IRM 902
Ozone resistance	EN 50396
UV resistance	UL 1581 § 1200
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	2 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3.3 m/s @ 25 °C
Acceleration (C-track)	2 m/s² @ 25 °C