

Cable drum Ø 500mm

PUR 1x4xAWG22 shielded gn UL/CSA 200m

Art.No.: 7000-C0502-7940000

Weight: 16.796 kg

Country of origin: IT

Model designation: 200m Kabel 10080598(794)auf Kabeltrommel

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 (200 m)

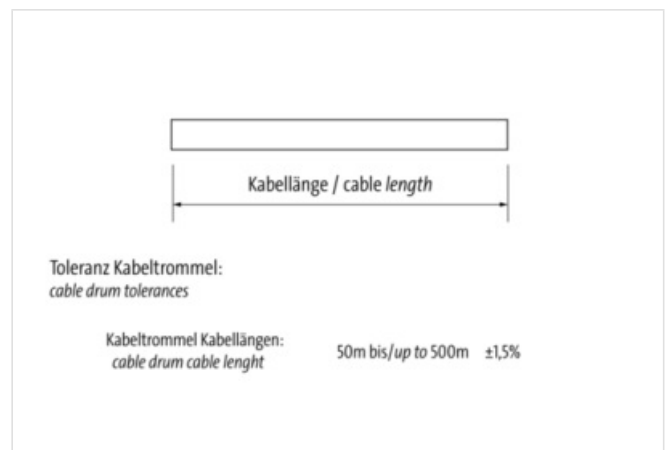
Ethernet CAT5, PROFINET IO, EtherCAT

2x 2x 0.34 mm²

PUR (UL/CSA)

Link to Product

Illustration



Product may differ from Image

Commercial data

URL Webshop	https://shop.murrelektronik.com/7000-C0502-7940000
GTIN	4048879530095
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
ETIM-9.0	EC001855
ETIM-10.0	EC001855
customs tariff number	85444995
EAN	4048879530095
Packaging unit	1

Mechanical data | Mounting data

Cable length	200 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

Cable identification	794
Function cable	Data
Cable weight	68,97 g/m
UL AWM Style	20549 / 10578
Stranding	1 × 4 wires around core filler star-shaped twisted
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
Filler	Yes
Wire arrangement	OG, WH, YE, BU
Shield	shielded
Cable type	Industrial Ethernet Profinet Typ B, CAT5e
Material wire insulation	PE
Amount wires	4
Outer diameter insulation	1.55 mm ± 0.05 mm
Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
Core construction (wire)	7 × 30 AWG
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Material jacket	PUR
Outer-diameter (jacket)	6.7 mm ± 5 %

Jacket Color	green / RAL 6018
Material inner jacket	FRNC
Color (inner jacket)	white
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material property (jacket)	abrasion-resistant, low adhesion, good machinability, matte
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Conductor resistance (wire)	55.4 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
Withstand voltage (wire - shield)	2 kV @ 60 s
Current load capacity max. (wire)	4,8 A
Current load capacity (standard)	to DIN VDE 0298-4
Electrical capacity line constant (wire - wire)	52.000 pF/km
Isolation resistance	5.000 M Ω × km
Characteristic impedance	100 Ω ± 15 %
Operating temperature (static)	-40 °C ... 80 °C
Operating temperature (dynamic)	-20 °C ... 60 °C
Flame resistance	UL 1581 § 1060, UL 1581 § 1090, UL 1581 § 1100
Oil resistance	IEC 60811-404, NEMA WC55, IRM 901, IRM 902
Ozone resistance	IEC 60811-403
UV resistance	UL 1581 § 1200
Other resistances	resistant to hydrolysis, resistant to microbes, MUD-resistant (NEK 606)
Notes	application-related testing
Bending radius (fixed)	6 × Outer diameter
Bending radius (dynamic)	12 × Outer diameter