

Cable drum Ø 500mm

TPE 22AWG SF/UTP CAT5e gn UL/CSA. ITC/PLTC 500m

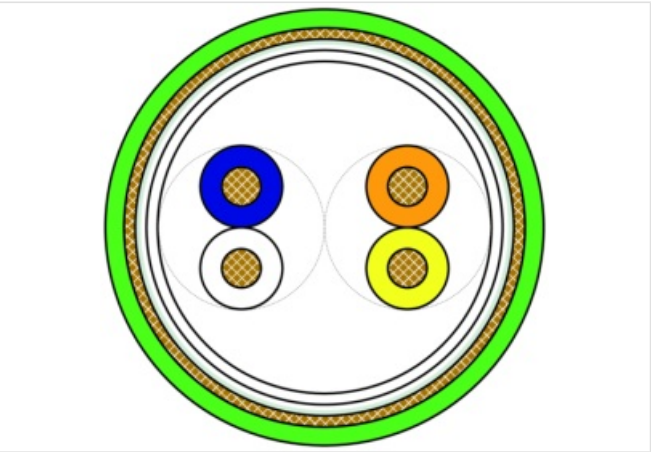
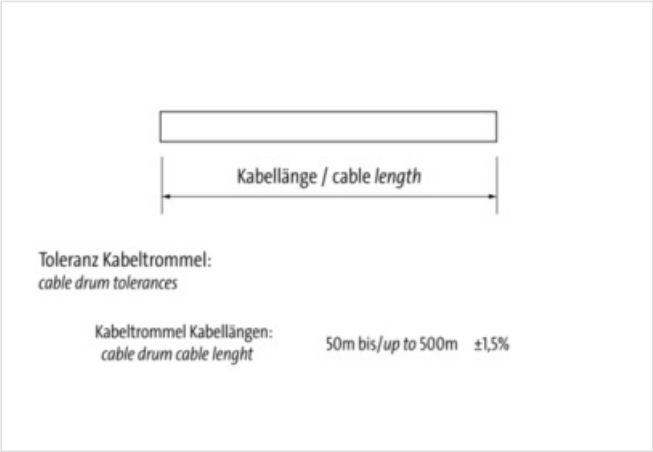
Art.No.: 7700-C0505-S7V0000
Weight: 40.405 kg
Country of origin: US
Model designation: 500m Cable S7V-TPE-2x2xAWG22/19-10080445

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 (500 m)
TPE
Shielded

Link to Product

Illustration



Product may differ from Image

Commercial data	
URL Webshop	https://shop.murrelektronik.com/7700-C0505-S7V0000
GTIN	4048879652162
EU-Customs tariff number	85444995

US-Customs tariff number	8544499000
ECLASS-6.0	27279218
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	4048879652162
Packaging unit	1

Mechanical data | Mounting data

Cable length	500 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

Material wire insulation	HDPE
Amount wires	4
Outer diameter insulation	1.47 mm ± 0.05 mm
Conductor crossection (wire)	22 AWG
Material conductor wire	copper stranded wire, tinned
Core construction (wire)	19 x 34 AWG
Ingredient freeness wire insulation	lead-free, CFC-free
Conductor resistance (wire)	93.8 Ω/km @ 20 °C
Nominal voltage max.	600 V
Current load capacity max. (wire)	4,8 A
Current load capacity (standard)	to DIN VDE 0298-4
Stranding	2 x 2 wires stranded
Stranding (type 2)	1 x 2 stranding combinations stranded
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	75 %
Banding	Foil
Wire arrangement	(WH, BU), (OG, YE)
Shield	shielded
Material jacket	TPE
Outer-diameter (jacket)	7.87 mm ± 5 %
Jacket Color	green / RAL 6018

Freedom from ingredients (jacket)	lead-free, CFC-free
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	75 %
Cable type	Industrial Ethernet Profinet Typ C, CAT5e
Operating temperature (static)	-40 °C ... 80 °C
Operating temperature (dynamic)	-40 °C ... 80 °C
Oil resistance	UL 1277 (Oil Res II)
UV resistance	UL 444 § 7.22
Other resistances	resistant to welding sparks
Notes	application-related testing
Bending radius (fixed)	8 × Outer diameter
Bending radius (dynamic)	8 × Outer diameter
No. of bending cycles (C-track)	35 Mio. @ 25 °C
No. of torsion cycles	5 Mio.
Torsion stress	± 180 °/m