

Cable drum Ø 500mm

TPE 2x2x24AWG SF/UTP CAT5e bu UL/CSA. CM 300m

Art.No.: 7700-C0503-S4U0000

Weight: 19.701 kg

Country of origin: US

Model designation: 300m Kabel 10080436(S4U)gesch.Kabeltromm

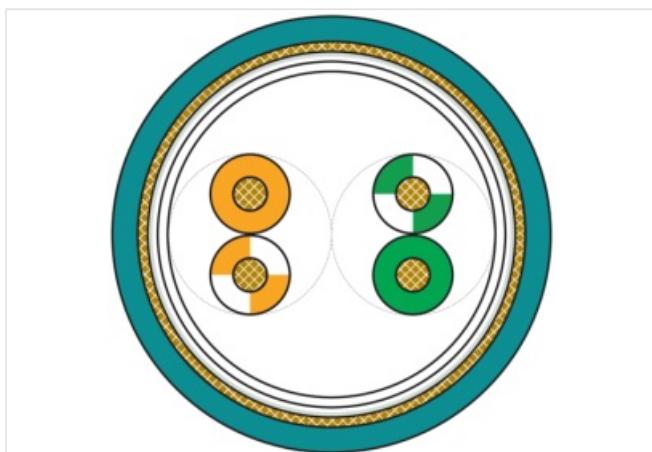
TPE

Shielded

2x 2x AWG24/7

teal

Cable drum (300 m)

[Link to Product](#)**Illustration**

Product may differ from Image

**Header**

Material short text

300m Kabel 10080436(S4U)gesch.Kabeltromm

Commercial data

URL Webshop	https://shop.murrelektronik.com/7700-C0503-S4U0000
GTIN	4048879690195
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
customs tariff number	85444995
EAN	4048879690195
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	S4U
Function cable	Data
Stranding	2 × 2 wires stranded
Amount stranding (type 2)	1
Stranding (type 2)	1 × 2 stranding combinations stranded
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	75 %
Banding	Foil
Wire arrangement	(orange-white, orange), (green-white, green)
Cable weight	50,6 g/m
Material wire insulation	HDPE
Amount wires	4
Outer diameter insulation	1,22 mm
Outer diameter tolerance core insulation	± 0,05 mm
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	7
Diameter of single wires	32 AWG
Conductor crosssection (wire)	24 AWG
Material conductor wire	copper stranded wire, tinned
Outer-diameter (jacket)	6,6 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	TPE
Shore hardness jacket	80 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, CFC-free
Cable length max.	83 m

Conductor resistance (wire)	93.8 Ω /km @ 20 °C
Nominal voltage max.	600 V
Loop resistance	280 Ω /km
Withstand voltage (wire - wire)	1.5 kV @ 2 s
Withstand voltage (wire - jacket)	1.5 kV @ 2 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	2,4 A
Characteristic impedance	100 Ω $\pm$ 5 % @ 100 MHz
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	80 °C
Operating temperature min. (dynamic)	-40 °C
Operating temperature max. (dynamic)	80 °C
Storage temperature min.	-40 °C
Storage temperature max.	80 °C
Oil resistance	good
UV resistance	UL 444 § 7.22
Other resistances	resistant to welding sparks
Bending radius (fixed)	8 $\times$ Outer diameter
Bending radius (dynamic)	8 $\times$ Outer diameter
No. of bending cycles (C-track)	35 Mio. @ 25 °C
Traversing distance (C-track)	0.6 m @ 25 °C
Travel speed (C-track)	1.2 m/s @ 25 °C
Acceleration (C-track)	2.4 m/s ² @ 25 °C
No. of torsion cycles	3 Mio.
Torsion stress	$\pm$ 270 °/m
Torsion speed	60 cycles/min