

Cable drum Ø 500mm

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

Art.No.: 7700-C0505-S7V0000

Weight: 40.405 kg

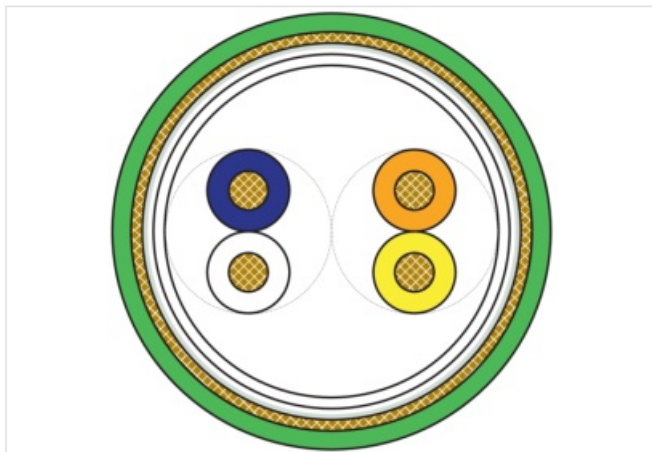
Country of origin: US

Model designation: 500m Cable S7V-TPE-2x2xAWG22/19-10080445

Cable drum (500 m)

TPE

Shielded

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

Product may differ from Image

**Header**

Material short text

500m Cable S7V-TPE-2x2xAWG22/19-10080445

Commercial data

URL Webshop

<https://shop.murrelektronik.com/7700-C0505-S7V0000>

GTIN	4048879652162
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	4048879652162
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	S7V
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	(white, blue), (orange, yellow)
Cable weight	68 g/m
Material wire insulation	HDPE
Amount wires	4
Outer diameter insulation	1,47 mm
Outer diameter tolerance core insulation	± 0,05 mm
Ingredient freeness wire insulation	lead-free, CFC-free
Amount strands (wire)	19
Diameter of single wires	34 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	copper stranded wire, tinned
Outer-diameter (jacket)	7,87 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	TPE
Shore hardness jacket	80 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, CFC-free
Conductor resistance (wire)	93.8 Ω/km @ 20 °C

Nominal voltage max.	600 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	4,8 A
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	UL 1277 (Oil Res II)
UV resistance	UL 444 § 7.22
Other resistances	resistant to welding sparks
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