

Cable drum Ø 500mm

PUR 2x2x0.25+0.25+2x0.5 shielded bk 300m

Art.No.: 7000-C0503-7270000

Weight: 22.804 kg

Country of origin: DE

Model designation: 300m Kabel 10080392(727)auf Kabeltrommel

Cable drum (300 m)

PUR

Shielded

Link to Product**Illustration**

Product may differ from Image

**Header**

Material short text 300m Kabel 10080392(727)auf Kabeltrommel

Commercial dataURL Webshop <https://shop.murrelektronik.com/7000-C0503-7270000>

GTIN	4048879816373
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	4048879816373
Packaging unit	1
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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	727
Function cable	Hybrid, Signal, Data, Power
Stranding	2 × 2 wires stranded
Amount stranding (type 2)	1
Stranding (type 2)	1 × 3 wires stranded around 2 stranding combinations with filler with hatchet strand
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	85 %
Banding	Fleece, Foil
Filler	Yes
Drain wire (type)	Strand class 5
Drain wire (cross-section)	0,22 mm²
Cable weight	60 g/m
Material wire insulation	PP
Amount wires	1
Outer diameter insulation	1,12 mm
Outer diameter tolerance core insulation	± 0,02 mm
Shore hardness wire insulation	65 ± 3 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount strands (wire)	14
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,25 mm²
Drain wire (cross-section)	0,22 mm²

Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Material wire insulation (type 2)	PP
Outer diameter wire insulation (type 2)	1,3 mm
Tolerance outer diameter wire insulation (type 2)	± 0,02 mm
Shore hardness wire insulation (type 2)	65 ± 3 Shore D
Ingredient freeness wire insulation (type 2)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount wires (type 2)	4
Amount strands wire (type 2)	14
Diameter of single wires (type 2)	0,15 mm
Conductor crosssection wire (type 2)	0,25 mm ²
Material conductor wire (type 2)	Stranded copper wire, bare
Wire conductor type (type 2)	Strand class 5
Material wire insulation (type 3)	PP
Outer diameter wire insulation (type 3)	1,4 mm
Tolerance outer diameter wire insulation (type 3)	± 0,02 mm
Shore hardness wire insulation (type 3)	65 ± 3 Shore D
Ingredient freeness wire insulation (type 3)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Amount wires (type 3)	2
Amount strands wire (type 3)	64
Diameter of single wires (type 3)	0,1 mm
Wire conductor cross section (type 3)	0,5 mm ²
Material conductor wire (type 3)	Stranded copper wire, bare
Conductor type wire (type 3)	strand class 6
Outer-diameter (jacket)	6,5 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	90 ± 3 Shore A
Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material property (jacket)	abrasion-resistant, low adhesion, good machinability, matte
Conductor resistance (wire)	78 Ω/km @ 20 °C
Conductor resistance (wire type 2)	78 Ω/km @ 20 °C
Conductor resistance (wire type 3)	39 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)	1.2 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	4,5 A
Current load capacity max. Wire (type 2)	3,6 A
Current carrying capacity max. wire (type 3)	9 A
Operating temperature min. (static)	-40 °C
Operating temperature max. (static)	80 °C
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C
Other resistances	resistant to hydrolysis, resistant to microbes
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter