

Cable

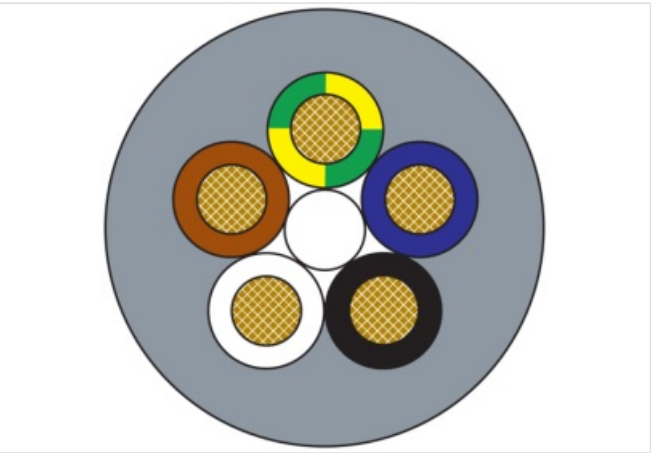
PUR 5x1.5 gy UL/CSA+drag ch. 50m

Art.No.: 7000-00000-9615000
Weight: 6.408 kg
Country of origin: IT
Model designation: 50m Kabel 10080535(961)_lo

PUR (UL/CSA)
5× 1.5 mm²

Link to Product

Illustration



Product may differ from Image



Header

Material short text 50m Kabel 10080535(961)_lo

Commercial data

URL Webshop	https://shop.murrelektronik.com/7000-00000-9615000
GTIN	4048879234382
ECLASS-6.0	27062011
ECLASS-6.1	27062011
ECLASS-7.0	27062011
ECLASS-7.1	27062011
ECLASS-8.0	27062011
ECLASS-8.1	27062011
ECLASS-9.0	27062011
ECLASS-10.0.1	27060106
ECLASS-10.1	27060106
ECLASS-11.0	27060106
ECLASS-11.1	27060106
ECLASS-12.0	27060106
ECLASS-13.0	27060106
ECLASS-14.0	27060106
ETIM-5.0	EC001855

ETIM-6.0	EC001855
ETIM-7.0	EC001855
ETIM-8.0	EC001855
customs tariff number	85444995
EAN	4048879234382
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	961
Cable Type	3
Function cable	Power
Stranding	1 × 5 wires around core filler twisted
Filler	Yes
Wire arrangement	green-yellow, blue 2, black 1, white 4, brown 3
Cable weight	118 g/m
Material wire insulation	PP
Amount wires	5
Outer diameter insulation	2,3 mm
Outer diameter tolerance core insulation	± 0,1 mm
Shore hardness wire insulation	60 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Printing color of wire insulation	white (isolation blue), white (isolation brown), white (isolation black), black (white isolation)
Amount strands (wire)	84
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	1,5 mm ²
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	strand class 6
Outer-diameter (jacket)	8 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	90 ± 5 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)	13.3 Ω/km @ 20 °C
Nominal voltage max.	1.000 V
Withstand voltage (wire - wire)	10 kV @ 60 s
Withstand voltage (wire - jacket)	10 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity max. (wire)	13,5 A
Operating temperature min. (static)	-50 °C
Operating temperature max. (static)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	IEC 60332-1-2, IEC 60332-2-2, UL 1581 § 1080, CSA FT2
Oil resistance	IEC 60811-404
Chemical resistance	good
Other resistances	good resistance to gasoline, resistant to hydrolysis, resistant to microbes
Bending radius (fixed)	5 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter
No. of bending cycles (C-track)	5 Mio. @ 25 °C
Traversing distance (C-track)	5 m @ 25 °C

Travel speed (C-track)	3.3 m/s @ 25 °C
Acceleration (C-track)	5 m/s ² @ 25 °C
No. of torsion cycles	5 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min