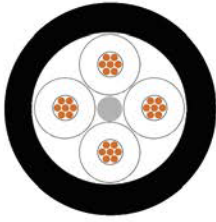


# HELUKABEL® A-BUS ROUND PUR CHAIN



HELUKABEL® Li9Y11Y 4x1,5 ASI SW

## TECHNICAL DATA

Bus cable acc. to UL Std. 758 (AWM) Style 20233, in alignment with AS-Interface Specification

<b>Temperature range</b>	flexing -20°C to +80°C static -40°C to +80°C
<b>Peak operating voltage</b>	300 V (not for high power current installation purposes)
<b>Test voltage</b>	2000 V
<b>Conductor resistance at 20°C</b>	max. 13.3 Ohm/km
<b>Loop resistance at 20°C</b>	max. 26.6 Ohm/km
<b>Insulation resistance</b>	min. 5.0 GOhm x km
<b>Caloric load</b>	approx. 1.45 MJ/m
<b>Minimum bending radius</b>	flexing 10x Outer Ø static 5x Outer Ø

## ■ CABLE STRUCTURE

- Copper conductor bare, extra finely stranded acc. to DIN VDE 0295 Class 6 / IEC 60228 Class 6
- Conductor insulation: PP
- Conductor identification: white conductors with consecutive labeling in black digits
- 4 conductors twisted into a star quad with optimal lay lengths
- Outer jacket: PUR
- Jacket color: black (RAL 9005)
- Length marking: in meters

## ■ PROPERTIES

- Resistant to: oil
- Suitable for use in drag chains
- Halogen-free
- Flame-retardant

## ■ TESTS

- Halogen-free acc. to DIN VDE 0482-754-1 / DIN EN 60754-1 / IEC 60754-1
- Flame-retardant acc. to DIN VDE 0482-332-1-2 / DIN EN 60332-1-2 / IEC 60332-1-2
- Oil-resistant acc. to DIN VDE 0473-811-404 / DIN EN 60811-404 / IEC 60811-404

## ■ APPLICATION

A-BUS round cable for quick and easy installation in drag chains without the need for separators, which are required with profile cables. Round cables meet the same electrical standards as profile cables.

## ■ NOTES

- The conductor is metrically (mm<sup>2</sup>) constructed, AWG numbers are approximated, and are for reference only

Part no.	No. conductors x cross sec. mm <sup>2</sup>	AWG, approx.	Conductor stranding Ø mm, approx.	Conductor Ø mm, approx.	Outer Ø mm, approx.	Cu weight kg/km	Weight kg/km, approx.
11009063	4 x 1.5	16	1.6	2.35	7.7	58.0	100.0