

HELUKABEL HELUDATA for low frequency data transmission , UL style 2919

HELUKABEL HELUDATA UL 2919 1X2X24 AWG



Technical data

- PVC to UL-Style
UL-Style 2919
- **Temperature range**
-30°C to + 80°C
- **Operating peak voltage**
(not for power applications)
30 V
- **Test voltage**
1000 V
- **Insulation resistance**
min. 2 GOhm x km
- **Capacitance**
C / C: approx. 42 pF/m
C / S: approx. 76 pF/m
- **Inductance**
approx. 0,65 mH/km
- **Characteristic impedance**
120 ohm

Cable structure

- Multi-wire strands of tinned copper wires
- Core insulation of PE
- Cores twisted together
- Aluminium / Mylar screening
- Tinned annealed copper drain-wire
- Tinned annealed copper braiding
- PVC outer sheath
- Colour: pebble grey, RAL 7032

Properties

- 100% screen coverage, offers optimum protection against external interference at medium and high frequencies
- Low capacitance, double screened
- Excellent shielding against internal and external interference

Application

This cable is suitable for wiring of data systems with high transmission rates. It is designed for use as Data Highway (DH) RS 232, RS 422, and RS 485 interface which is suitable for use as control and instrumentation cables. The cable is suitable for flexible and static laying in dry and damp locations.

Part no.	No.cores x cross-sec. mm ²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km
11005140	1x2x24 AWG	5,9	21,33	46,0
11005141	2x2x24 AWG	8,8	32,9	86,0

Dimensions and specifications may be changed without prior notice.