

HELUKABEL HELUDATA for low frequency data transmission , UL style 2092

HELUKABEL HELUDATA UL 2092 1X2X22 AWG



Technical data

- PVC to UL-Style
UL-Style 2092
- **Temperature range**
-20°C to + 60°C
- **Operating peak voltage**
(not for power applications)
300 V
- **Test voltage**
1000 V
- **Insulation resistance**
min. 2 GOhm x km
- **Capacitance**
C / C: approx. 79 pF/m (22 AWG)
C / C: approx. 79 pF/m (18 AWG)
C / S: approx. 154 pF/m (22 AWG)
C / S: approx. 145 pF/m (18 AWG)
- **Inductance**
approx. 0,65 mH/km (22 AWG)
approx. 0,60 mH/km (18 AWG)
- **Characteristic impedance**
65 Ohm (22 AWG)
60 Ohm (18 AWG)

Cable structure

- Multi-wire strands of tinned copper wires
- Core insulation of PE
- Cores twisted together
- Aluminium foil screening
- Tinned copper drain-wire
- Core identification
- black, natural
- PVC outer sheath
- Sheath colour pebble grey (RAL 7032)

Properties

- 100% screen coverage, offers optimum protection against external interference at medium and high frequencies
- Ideal solution where flexibility and a high degree of screening is required

Tests

- PVC self-extinguishing and flame retardant acc. to IEC 60332-1-2

Application

These cables are suitable for use in internal wiring for audio, transmission measurement and control signals with minimum noise. They are used for laying in dry and damp environment.

Part no.	No.cores x cross-sec. mm ²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km
11000611	1x2x22 AWG	4,5	10,3	29,0
11000612	1x2x18 AWG	5,65	20,7	45,0

Dimensions and specifications may be changed without prior notice.