

# HELUDATA® UL 2919

PE multi-pairs, foiled and braided, PVC outer sheath



HELUKABEL HELUDATA UL 2919 PE

## Technical data

- Data cable approved to UL style 2919
- **Temperature range**  
fixed installation -30°C to +80°C
- **Nominal voltage**  
30 V
- **Test voltage**  
1000 V
- **Insulation resistance**  
min. 5 GOhm x km
- **Mutual capacitance**  
C/C: approx. 42 pF/m  
C/S: approx. 76 pF/m
- **Minimum bending radius**  
flexing 20 x cable Ø  
fixed 15 x cable Ø

## Cable structure

- Tinned annealed copper wires class 2
- Core insulation PE
- Core identification 1P = WH/BU & BU/WH
- Core identification 2P = WH/OG & OG/WH
- Cores twisted together in pairs with 100% aluminium foiling
- Tinned annealed copper drain wire
- Tinned annealed copper braiding
- PVC outer sheath pebble grey (RAL 7032)

## Properties

- 100% foil screen coverage
- Low signal distortion

## Tests

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

## Note

- For use in damp and dry conditons within buildings
- RoHS compliant
- UL approved

## Application

Ideal for wiring of data systems with high transmission rates, CAD/CAM systems. It is designed for use as Data Highway in (DH) RS 232, RS 422 and RS 485 interfaces and also suitable as control and instrumentation cable in industrial equipment. Suitable for flexible and static installation in dry and damp locations.

Part no.	No.pairs	No.cores	AWG-No.	Outer Ø app. mm	Copper weight kg / km	Weight app. kg / km
11005140	1	2	24	5,9	21,33	46

Part no.	No.pairs	No.cores	AWG-No.	Outer Ø app. mm	Copper weight kg / km	Weight app. kg / km
11005141	2	4	24	8,8	32,9	86

Dimensions and specifications may be changed without prior notice.