



HELUKABEL®

**HELUKABEL – YOUR
ONE-STOP SOLUTION
PROVIDER!**



AGRICULTURAL CABLES

 Solutions for the agricultural industry

HELUKABEL® ISOBUS PUR



AGRICULTURAL INDUSTRY
ELECTRONICS FOUNDATION



HELUKABEL® ISOBUS PUR

Hybrid cable for data transmission between tractor and accessory equipment

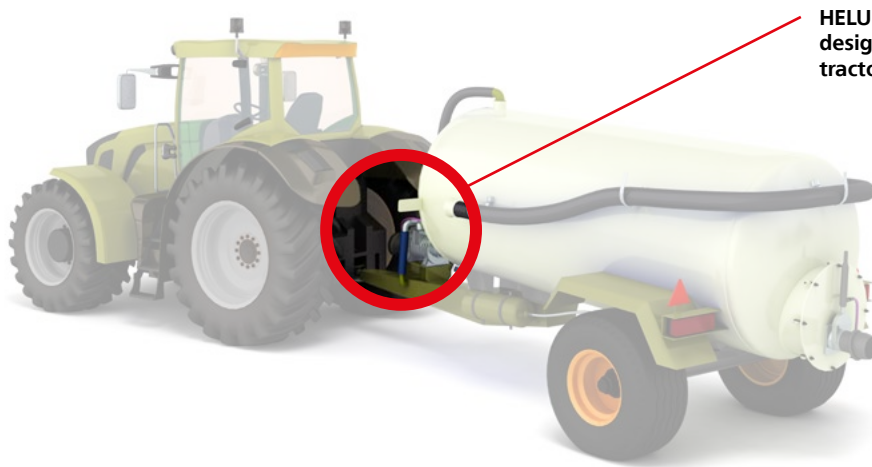


Technical data

- PUR-Hybrid cable for data transmission in the agricultural industry
- Temperature range: flexing -20°C to +85°C
fixed installation -40°C to +85°C
- Nominal voltage: U_0/U 300/500 V
- Test voltage: 2000 V min. 5 Min.
- Conductor resistance: acc. to DIN 50395
 - 0,5 mm² \cong 39,0 Ω /km
 - 2,5 mm² \cong 7,98 Ω /km
 - 6 mm² \cong 3,3 Ω /km
 - 10 mm² \cong 1,91 Ω /km
 - 16 mm² \cong 1,21 Ω /km
- Minimum bending radius: flexing 12x cable \emptyset
fixed installation 6x cable \emptyset

Structure

- Conductor: bare copper conductor, finely stranded acc. to DIN VDE 0295 cl. 5 / IEC 60228 cl. 5
- Stranding element:
 - 4x0,5 mm²: core insulation: PP
core colours: red, yellow, black, green (acc. to ISO 11783-2)
cores stranded in star quad formation
wrapping with synthetic fleece
 - 2x2,5 mm²: core insulation: PVC
core colours: red, black
 - 2x6/10/16 mm²: core insulation: PVC
core colours: red, black



HELUKABEL® ISOBUS PUR
 designed for durable and reliable
 tractor accessory connections

- Stranding: cores with optimal lay-lengths, with filler elements
- Wrapping: with fibre tape / synthetic fleece
- Outer sheath: TPU
- Sheath colour: black (similar RAL9005)

Properties

- resistant against: UV-rays, weather conditions, microbes, ammonia, MUD acc. to IEC 61892-Annex D
- oil-resistant acc. to DIN VDE 0473-811-404 / DIN EN 60811-404 / IEC 60811-404
- abrasion-resistant, wear-resistant
- flame retardant acc. to DIN VDE 0482-332-1-2 / DIN EN 60332-1-2 / IEC 60332-1-2
- suitable for high pressure cleaning depending on temperature, exposure time and water pressure
- The materials used in production are free of silicone, cadmium and substance inhibiting paint adhesion.

Application

The ISOBUS system is a robust hybrid cable used for agricultural vehicles and machines. Optimum performance materials enable long-term durability for deployment in agricultural technology. Customised construction solutions are available on request.

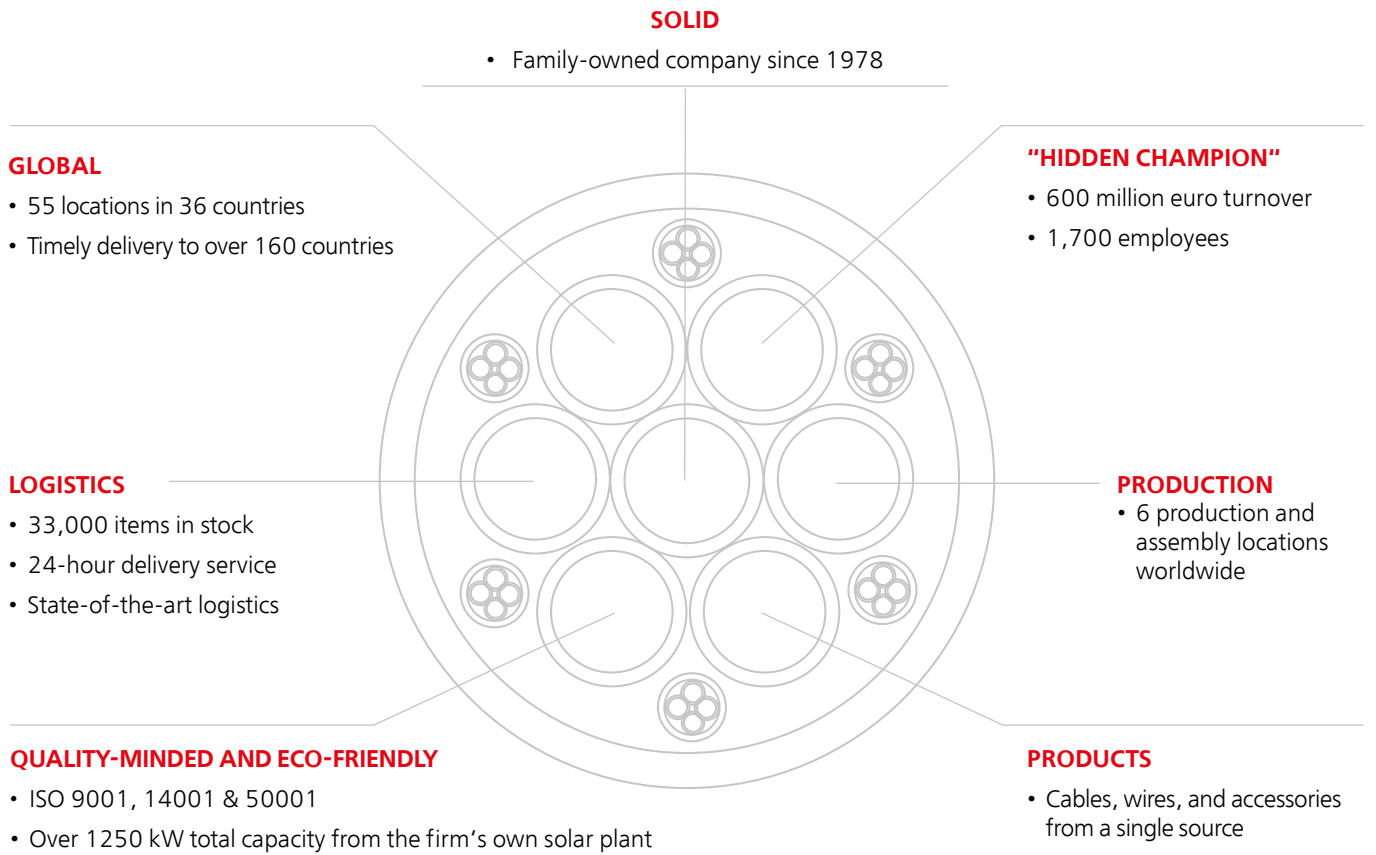
CE = Product complies with the Low-Voltage Directive 2014/35/EU.

HELUKABEL® ISOBUS PUR

Item no:	Core number x Nominal cross-section mm ²	Outer-Ø approx. mm	Cu no. kg/km:	Weight kg/km:
17001249	2x6 + 2x2,5 + 1x4x0,5	12,7	182,4	280
17001528	2x6 + 2x2,5 + 1x4x0,5	15,3	182,4	349
17001250	2x10 + 2x2,5 + 1x4x0,5	15,3	259,2	412
17001251	2x16 + 2x2,5 + 1x4x0,5	16,8	374,4	524



■ WHAT SETS US APART



■ CONTACTS

Want to know more about HELUKABEL® ISOBUS PUR or other special cables? Your contact at HELUKABEL:

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