



New products 2025

Cable and CONNECTivity solutions



Cables, special cables, connectivity and accessories.

We offer our customers a wide range of products for various applications in almost all industries. **Everything around the cable, all from one source.**

We are represented in more than 40 countries worldwide with strong partners. True to our motto “Cables in Motion”, we are committed on a daily basis to ensuring that your applications are continuously in motion and thus remain economically successful.

You cannot find the right cable in our portfolio? Then contact us.

We develop and construct for you individually exactly the cables, connectivity solutions, or systems that are tailored to your applications.

TKD Product Overview

TKD is the distributor of Infinite Electronics, specialized in all types of cables.

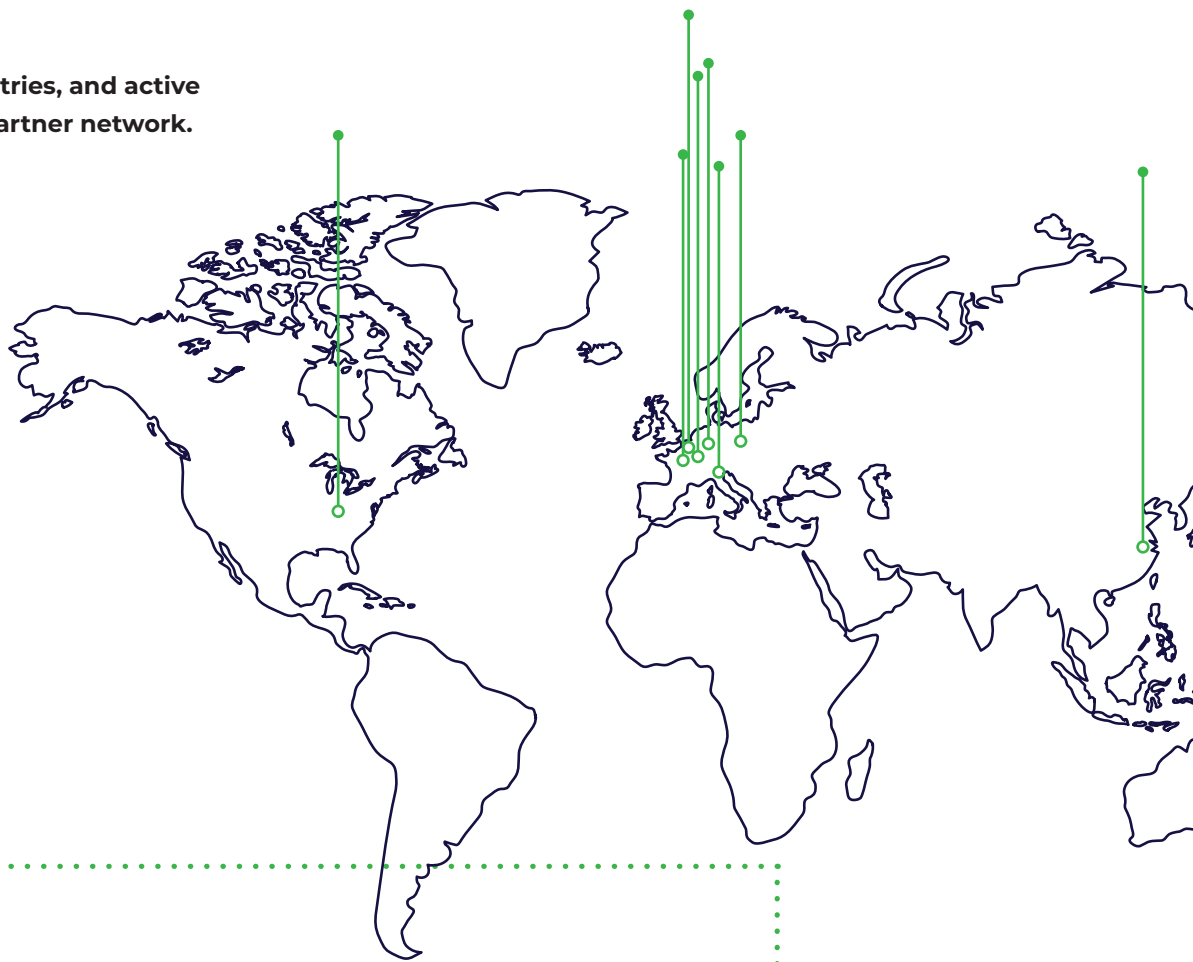
TKD has decades of experience in design and application technology, combined with a strong awareness of quality and environment. This gives our customers the security of receiving innovative and high-quality products, even for the most demanding requirements.



Footprint in 8 countries, and active globally with our partner network.

Own branches in:

- Germany
- Belgium
- Netherlands
- Poland
- Italy
- France
- China
- USA



Globally active

Welcome to the product portfolio of TKD Kabel GmbH. We are one of the world's leading suppliers of cables, ready-to-connect cable systems and cable accessories.

Since 2023 we are part of Infinite Electronics, and since then a progressive and international player in the specialty cable and connectivity solutions market.

Infinite Electronics was formed from the merger of several successful companies in the cable and connectivity industry. The group of companies produces, distributes and assembles special cables as well as cable harnesses and accessories.



Distribution

knowledge company with added value in cables and accessories for wholesale and OEM customers with branches in the Netherlands, Belgium, Germany, Italy, Poland, France, China and the USA.



Assembly

customer-specific assembly of connectivity solutions for OEM customers with own locations in the Netherlands, Poland and Germany.






Production

the production of a wide range of special cables.



Around the world, our team members work urgently to provide connectivity solutions and support, giving our customers what they need, when they need it.

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INDULINK® LOCK

Cable gland systems & accessories

Strain relief and secure sealing

Cable glands are the perfect addition to our range of cables and wires. Wherever cables and wires are used, cable glands are often required when it comes to routing cables safely and reliably into devices or enclosures.

Advantages

- Secure cable entry & fastening
- Protection against moisture, dust and other environmental influences
- Strain relief

Areas of application

- Industrial automation
- Building services engineering
- Energy supply
- Telecommunications and IT
- Construction and infrastructure
- Agriculture
- Transportation and logistics
- Medical technology

Polyamides (PA6)

INDULINK® LOCK
Cable glands - ST
PA6, Metric

INDULINK® LOCK
Nuts - ST PA6, Metric

INDULINK® LOCK
Plugs - ST PA6,
Metric

INDULINK® LOCK
Cable glands - Click
PA6, without thread

Brass & Brass EMC

INDULINK® LOCK
Cable glands - ST MS,
Metric

INDULINK® LOCK
Nuts - ST MS, Metric

INDULINK® LOCK
Plugs - ST MS, Metric

INDULINK® LOCK
Reducers - ST MS,
Metric

INDULINK® LOCK
Cable glands - EMC
MS, Metric

Accessories

INDULINK® LOCK
Sealings - Dome
Plugs

INDULINK® LOCK
Washers - Serrated

INDULINK® LOCK
Tools



INDULINK® DATACON

Data connectors

The INDULINK® DATACON product range offers a user-friendly, special tool-free connection solution for cabling in industrial networks. Coordinated field-terminated data connectors for data and bus cables such as Industrial Ethernet, Profinet, Profibus and CAN bus. Can be installed using quick-connect or screw connection technology for simple and flexible use.

Benefits at a glance

Reduce the time and effort required to install industrial networks

- Fast, simple and reliable on-site installation
- Flexible and application-optimized cable lengths possible
- For rigid, flexible and highly flexible cables
- Robust handling and easy to assemble
- No special tools required
- IDC technology / integrated insulation displacement technology

Connectivity and flexibility for field installation

- Optimized design with reduced individual parts
- High data performance for industrial networks (Cat.5-Cat.6A)
- Flexible connector assembly to all standard Ethernet cables

Polyamide (PA6)

- 12 versions
- for shielded and unshielded cables
- with straight or angled cable outlet
- 90° cable outlet freely selectable in 8 positions

Industrial Ethernet (M12)

- 8-pin, pins
- x-coded
- insulation displacement connection technology
- Metal housing

Profinet (RJ45)

- 5 versions
- For shielded cables
- With 180°, 145° & 90° cable outlet (90° cable outlet freely selectable in 8 positions)
- UL Recognized

Profibus (D-Sub 9-pin)

- 8 versions (with and without programming interface)
- Screw or quick connection technology
- 35°, 90°, 180° cable outlet
- Metallized housing
- Space-saving design
- UL Recognized

CAN / DeviceNet (D-Sub 9-pin)

- 3 versions (with and without additional device connection)
- Screw connection
- 90°, 180° cable outlet
- Metallized housing
- Space-saving design
- UL Recognized



INDULINK® GUARD

Long cable service life thanks to protective conduit!

The corrugated conduits in our INDULINK® GUARD range are a versatile and robust protection for cables and wires to provide mechanical protection and resistance to environmental influences. They extend the service life of cables and reduce costs. They are available as standard or in a separable version.

Advantages

- Protecting cables against mechanical stress and environmental influences
- Extends the service life of cables and wires
- Different materials (PA6 & PP) for different areas of application
- Two versions: Closed and divisible
- Divisible version
 - Installation without dismantling
 - Quick repair without rewiring
 - Easy access to cables
 - Reusable due to easy opening and closing

Areas of application

- Automotive industry: Protection against mechanical damage and environmental influences.
- Electrical installation: Protection of electrical installations in buildings and industrial plants.
- Mechanical engineering: Protection of cables and hoses in machines and production facilities.
- Household appliances: Protection of the internal wiring of appliances

Overview of the range

INDULINK® GUARD C-CC ST PA6 MOD-UW

Material: PA6 MOD
Variant: Divisible conduit
NW 8.5 to 48
Temperature: -45°C to +120°C
Approvals: UL94 V2, ADR

INDULINK® GUARD C-CC ST PA6 MOD-UW

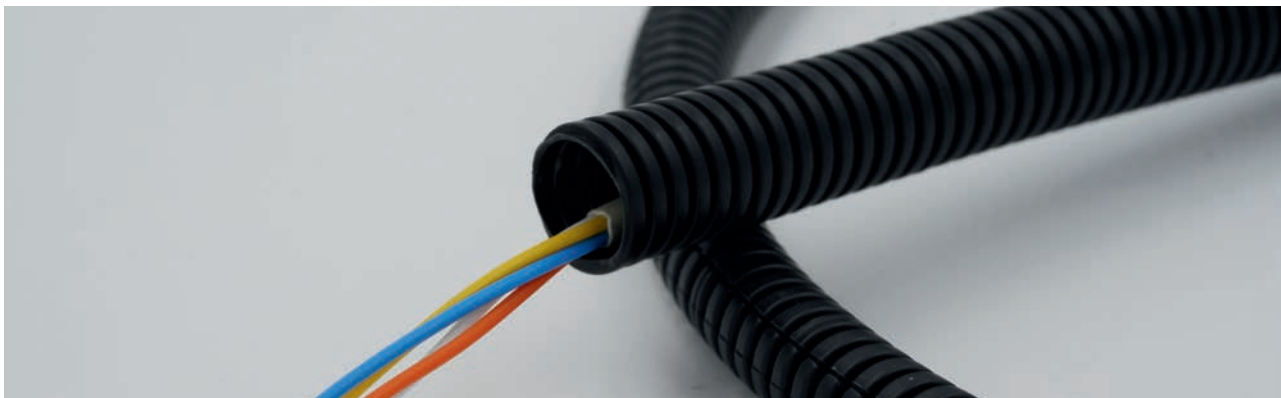
Material: PA6 MOD
Variant: Corrugated conduit
NW 7.5 up to 50
Temperature: -45°C to +120°C
Approvals: UL94 V2

INDULINK® GUARD C-CC DV PP MOD-UW

Material: PP MOD BS
Variant: Divisible conduit
NW 8.5 to 48
Temperature: -40°C to +105°C
Approvals: UL94 V0

INDULINK® GUARD C-CC ST PP MOD-UW

Material: PP MOD BS
Variant: Corrugated conduit
NW 8.5 up to 50
Temperature: -40°C to +105°C
Approvals: UL94 HB (V2)



INDULINK® PATCH & SPIRAL

Solutions for office and industrial applications

Our high-quality patch cables guarantee secure transmission. We offer the right patch cable for every application in various lengths and colors, flexible, highly flexible and for use in drag chains.

Advantages

- Pre-assembled patch cables for industrial and office applications
- Shielded and unshielded variants
- Different materials, colors and lengths for various applications
- Different RJ45 connector variants
- For application categories Cat.5e, Cat.6, Cat.6A and Cat.8.1
- Spiral patch cables for variable-length applications

Areas of application

- Networks and IT infrastructure
- Telecommunications
- Industrial networks
- Automation technology
- Audio and video technology

Product range overview

INDULINK® PATCH OFFICE	INDULINK® PATCH INDUSTRY	INDULINK® SPIRAL INDUSTRY
<ul style="list-style-type: none">• Cat.6 shielded• Cat.6a shielded• Cat.6a shielded (in combination with Cat.7 cable)• Cat.8.1 shielded• Up to 10 different colors• Up to 16 different lengths from 0.15m -50.0m• In various RJ45 connector variants• Cable material specially designed for indoor applications. (e.g. low smoke emission, halogen-free)	<ul style="list-style-type: none">• Cat.5e shielded• Cat.6a shielded• Up to 5 different colors• In various lengths from 0.5m - 90.0m• Different cable material/properties for harsh environmental conditions, flexible and highly flexible (drag chain) applications• In various RJ45 connector variants	<ul style="list-style-type: none">• Cat.5e unshielded• Cat.5e shielded• For variable length applications• Pull-out ratio 1:3 or 1:6• Tangential or axial ends• Reversible lengths from 0.15 m to 2.40 m (without stretching)



INDULINE® ISOBUS PVC & ISOBUS PUR

BUS | FIELDBUS Cables for agricultural vehicles and machinery

ISOBUS is used worldwide as a uniform communication standard in agriculture. The hybrid cables simultaneously transmit energy and data between tractors and connected implements such as field sprayers, seed drills, balers, etc.

The cables comply with the requirements of the ISOBUS standard in accordance with ISO 11783-2 and ensure secure and reliable communication between tractors, attachments, and agricultural control systems

INDULINE® ISOBUS PUR

- Highly resistant to fats, coolants, and lubricants
- Oil-resistant according to DIN EN 60811-2-1
- Flame-retardant
- Abrasion- and notch-resistant
- Low adhesion surface
- Resistant to hydrolysis and microbes
- UV-resistant according to HD 605 A1
- Ozone resistant according to VDE 0472 Part 805



INDULINE® ISOBUS PVC

- Highly resistant to fats, coolants, and lubricants
- Oil resistant according to DIN EN 60811-2-1 (only mineral oil)
- UV resistant
- Cost-optimized variant



Also available as assembled product according to customer requirements.



RADOX® AUTOMOTIVE

Reliable solutions for commercial and special-purpose vehicles

Power distribution

- Comprehensive high-voltage solutions for maximum power levels
- Robust and reliable performance even in harsh environments
- Space- and weight-saving design

AUTO L

These low-voltage cables have been specially developed for space-critical applications in the engine compartment, where increasing sensor density and high operating temperatures are the norm. The reduced outer diameter enables efficient integration even in limited installation spaces.

- Operating temperature range – 40 °C to + 150 °C
- Reduced outer diameter
- Resistant to engine fluids, fuels, UV radiation, and weathering
- Hydrolysis resistant
- Resistant to pressure at high temperatures
- High abrasion resistance, flame retardant, soldering iron resistant
- Excellent electrical properties

AUTO B

These shielded power cables are designed for high-performance energy transmission in vehicles and are specially engineered for battery and supply applications. Despite their reduced outer diameter, they offer high mechanical robustness. The cables are characterized by outstanding media resistance, particularly to battery acid, coolants, fuels, oils, weathering, and ozone.

The flame-retardant RADOX® insulation does not melt or flow even at high temperatures, offers high pressure and abrasion resistance, and is easy to strip. In addition, they impress with their excellent dielectric properties, which make them ideal for reliable high-current applications.

- Operating temperature –40 °C to +150 °C
- Excellent flexibility
- Reduced outer diameter
- Resistant to motor oils, battery acid and fuels, UV radiation and weathering
- High resistance to heat and pressure
- Excellent abrasion resistance, flame retardant, soldering iron resistant
- ADR, DNV and R118 approved

RADOX® AUTOMOTIVE

RADOX® Modular cable assembly (mCAY)

Advantages

- Intuitive configuration
- Accelerated homologation process
- Easy integration into HV devices
- Highest electrical performance for conductors and shielding
- System use without additional corrugated pipes
- Reliability over the entire service life under harsh conditions



Features

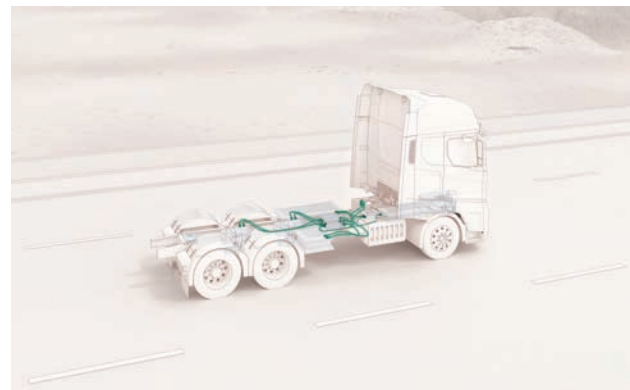
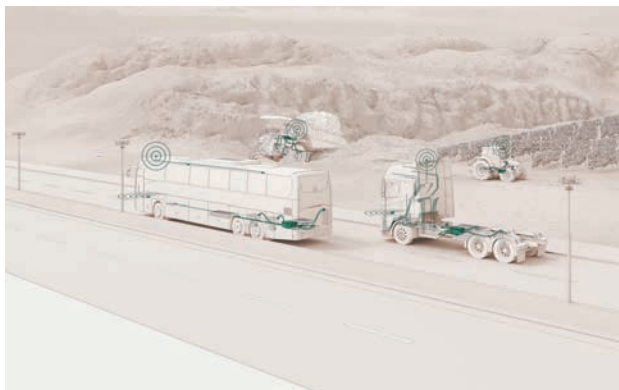
- Modularity
- Full validation for the automotive industry
- RADOX® technology
- Robust construction
- End-of-line tested
- EMPT technology
- 360° screen connection

Available contact configurations

- EV-C1, EV-C2, HVP HD 1000, HVP HD 1400, HVA HD 400, IPT HD Powerbolt



Discover HUBER+SUHNER products in the TKD product finder!



RADOX® PowerTube & Pigtail Assemblies

Benefit from outstanding logistics services.

The HV cable assembly from HUBER+SUHNER combines the PowerTube HV connector with RADOX® HV shielded cables. Manufactured using EMPT technology, it offers extremely reliable, durable, and robust connections with minimal contact resistance.

Special features:

- High current carrying capacity for applications in power distribution, battery connections, motor control, and much more.
- Robust design, suitable for harsh environments with vibrations, extreme temperatures, and corrosion.
- Color-coded polarization and coding options for additional security.
- Sealed variants (IP69K) for protection against dust and water.
- Flexible alignment: 90° or 180° interfaces

Typical applications:

- Electric vehicles (EVs), hybrid vehicles (HEVs)
- Energy storage and power supply systems
- Industrial applications and rail transport
- Also suitable for maritime applications thanks to DNV approval

The combination of the TE connector and RADOX® HV cables minimizes vibrations at the motor level, and the 360° shielding ensures high electromagnetic compatibility (EMC). Depending on the operating temperature, the cables can handle high electrical loads of up to 580 A continuous current and 1.000 V, as well as cable cross-sections between 35 mm² and 150 mm².

Available standard lengths of single-ended PowerTube pigtails

- 1.0 m to 7.0 m in dimensions 35 mm², 50 mm², 70 mm² (HVP-HD1000)
- and 70 mm², 95 mm², 120 mm² (HVP-HD1400)

Available standard lengths of PowerTube assemblies assembled on both sides

- also available in 8.0 m in stock

In addition, we offer matching coding rings from TE Connectivity in codes A to F (from stock) or G to M on customer request.



More about PowerTubes & Pigtail Assemblies

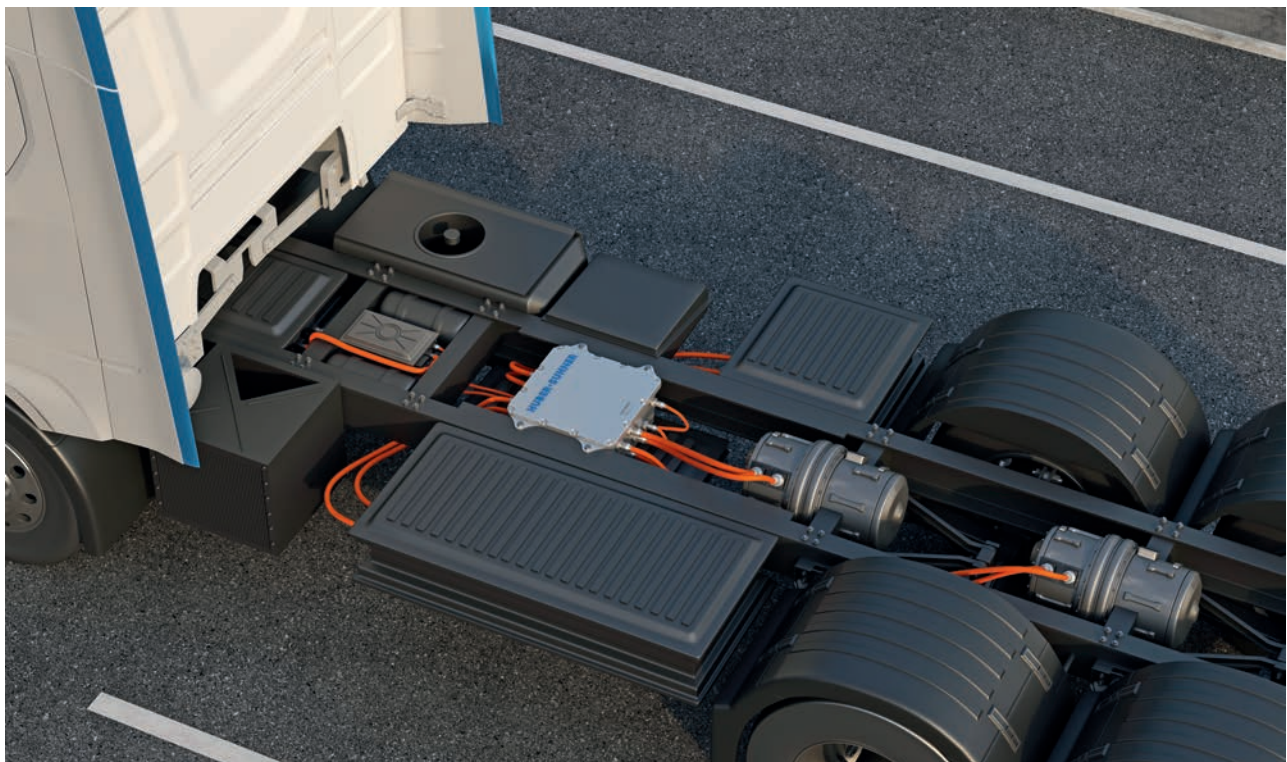
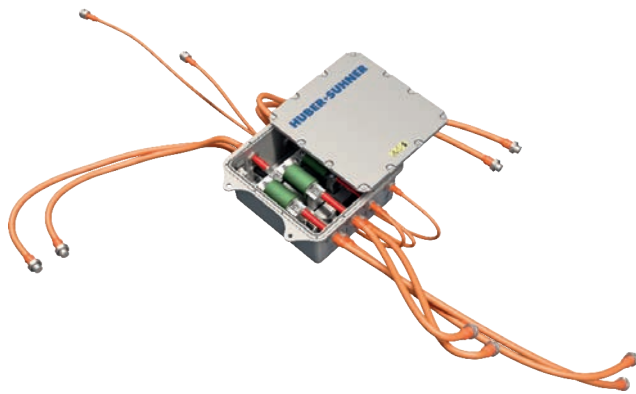
RADOX® Modular High Voltage Distribution Unit (mHVDU)

High-voltage distributor

A modular solution for greater flexibility

Advantages

- Scalability of inputs and outputs
- Easy to adapt
- Commercially available product
- Suitable for harsh environmental conditions
- Proven internal connections, terminals, and busbars for improved power density



INDUSTRIAL ETHERNET Cat.5e - Cat.7A UL/CSA

03.15.01.05 - Addition to the product range

Application as a data cable for the transmission of digital and analog signals for Industrial Ethernet, ICT network applications and also in PROFINET systems. For fixed applications & limited flexible applications in harsh industrial environments for industrial machinery, devices and cabinet wiring.

Special features at a glance

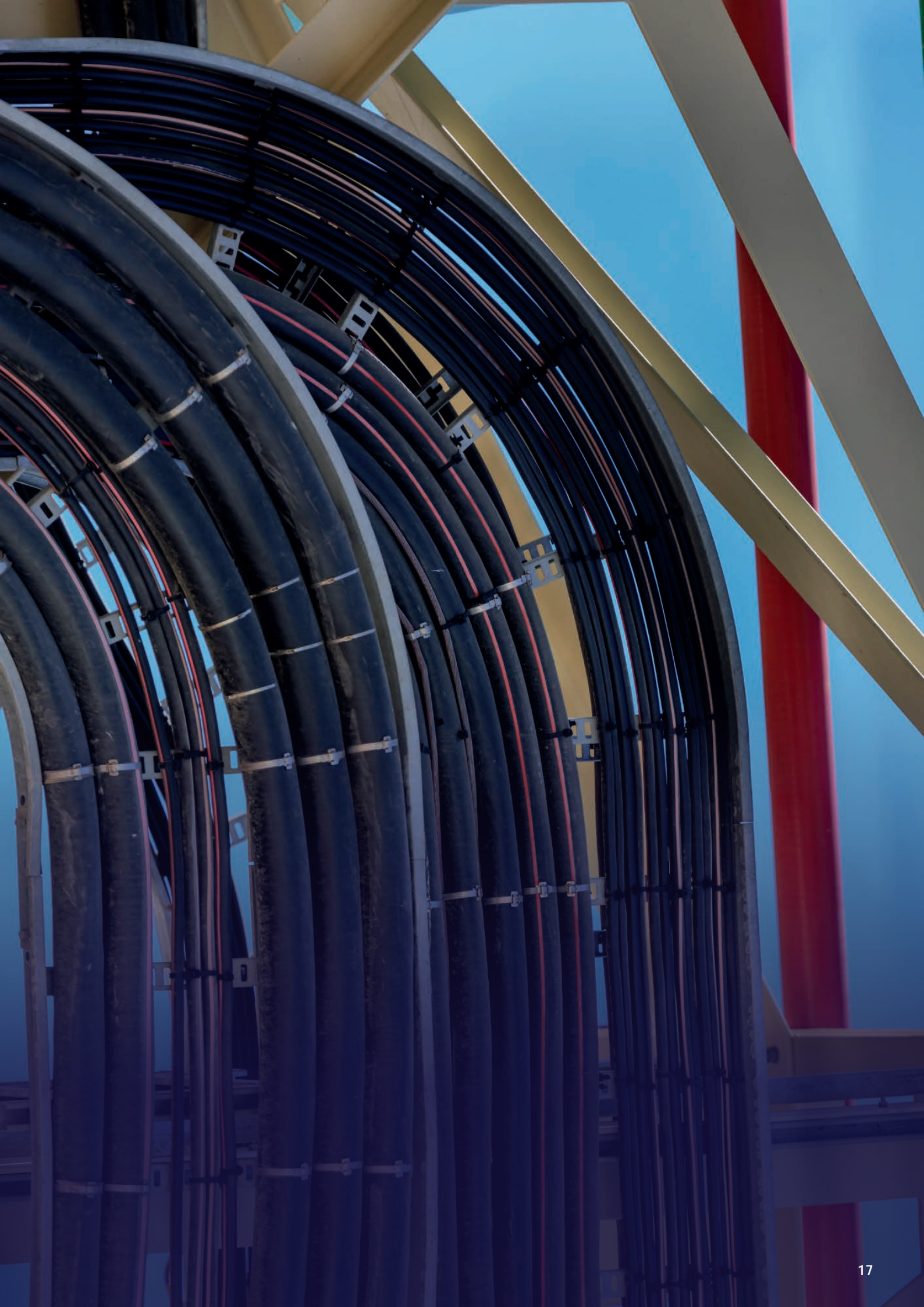
- Highly resistant to greases, coolants, and lubricants
- Oil resistant: according to DIN EN 60811-2-1 (PVC only mineral oil)
- UV resistant: PUR; FEP; PVC CMG types
- Optimized EMC-compliant shielding
- 4 pairs: 10/100/1000 Mbit/s (Cat.5e,6) & 10 Gbit/s (Cat.6A,7,7A) for Industrial Ethernet
- HF properties Cat.5e,6,6A,7 & 7A according to IEC 61156-5 (single-wire) or IEC 61156-6 (7-wire)
- Max. cable length at the above transmission rate: 100 m (single-wire) & 85 m (7-wire)
- Flame-retardant & tested in accordance with UN/ECE-R 118.02

Certifications and quality

- RoHS compliant // LABS/silicone-free (during production)
- Compliant with Directive 2014/35/EU ("Low Voltage Directive") CE
- FRNC: Flame Retardant Non Corrosive, halogen-free
- FC type with 'fast-connect' cable construction
- 7-wire: for patch cable applications (max. 60 m)



2003890	IND. ETHERNET FRNC C-PUR UL/CSA Cat. 5e - 2X2XAWG24/1
2003891	IND. ETHERNET FRNC C-PUR UL/CSA Cat. 5e - 4X2XAWG24/1
2003888	IND. ETHERNET FRNC C-H Cat. 5e - 4X2XAWG24/1
2003889	IND. ETHERNET FRNC C-H Cat. 5e - 2X2XAWG26/7
2003892	IND. ETHERNET FRNC C-PUR UL/CSA Cat. 5e - 4X2XAWG26/7
T40000653	IND. ETHERNET FRNC C-PUR UL/CSA Cat. 6A - 4X2XAWG23/1
T40000654	IND. ETHERNET FRNC C-PUR UL/CSA Cat. 6A - 4X2XAWG26/7



INDUSTRIAL ETHERNET Cat.5e - Cat.7A - HF UL/CSA

03.15.01.06 - Addition to the product range

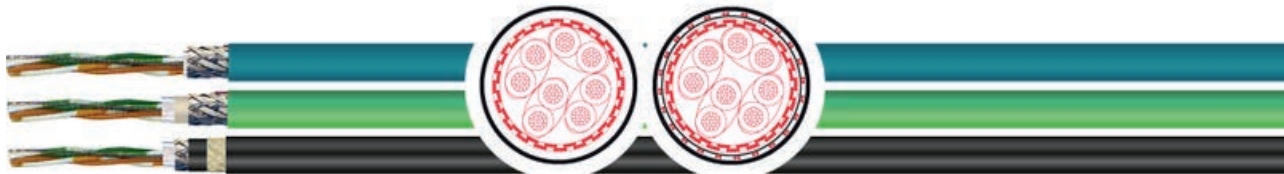
Application as a data cable for the transmission of digital and analog signals for Industrial Ethernet, ICT network applications and also in PROFINET systems. For high flexible applications (e.g. power chains, gantry robots, pick & place units, conveyors, machine tools, automated production systems, etc.) in harsh industrial environments.

Special features at a glance

- Low adhesion
- Highly resistant to greases, coolants, and lubricants
- Oil resistant: according to DIN EN 60811-2-1
- UV-resistant
- Optimized EMC-compliant shielding
- Reeling: 3 layers Outer sheath - PUR+textile support braid+PUR
- 4 pairs: 10/100/1000Mbit/s (Cat.5e,6) & 10Gbit/s (Cat.6A,7,7A) for Industrial Ethernet
- HF properties Cat.5e,6,6A,7 & 7A according to IEC 61156-6
- Max. cable length at the above-specified transmission rate: 85m

Certifications and quality

- RoHS compliant // LABS/silicone-free (during production)
- Compliant with Directive 2014/35/EU ("Low Voltage Directive") CE
- FRNC: Flame Retardant Non Corrosive, halogen-free
- FC type with 'fast-connect' cable construction
- 7-/19-wire: for patch cable applications (max. 60m)



2003892 IND. ETHERNET FRNC C-PUR UL/CSA Cat. 5e - 4X2XAWG26/7

T40000653 IND. ETHERNET FRNC C-PUR UL/CSA Cat. 6A - 4X2XAWG23/1

T40000654 IND. ETHERNET FRNC C-PUR UL/CSA Cat. 6A - 4X2XAWG26/7

PROFINET Cat.5e UL/CSA

03.15.01.01 - Addition to the product range

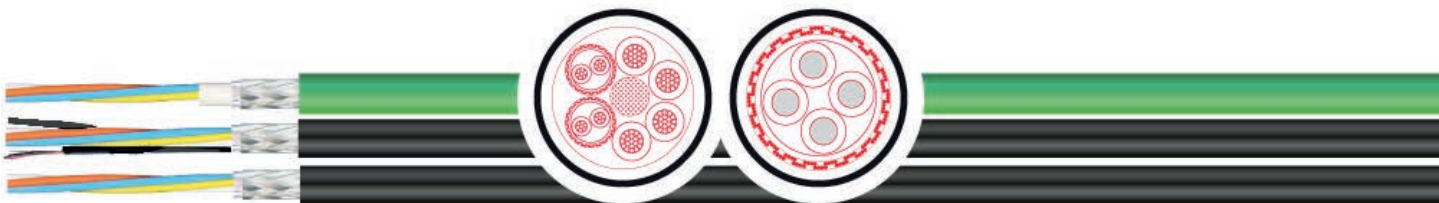
Application as a data cable for the transmission of digital and analog signals for PROFINET systems, Industrial Ethernet & ICT network applications. For fixed applications & limited flexible applications in harsh industrial environments for industrial machinery, devices and cabinet wiring.

Special features at a glance

- Highly resistant to greases, coolants, and lubricants
- Oil resistant: PUR & PVC according to DIN EN 60811-2-1 (PVC only mineral oil)
- Marine MUD according to NEK 606 (drilling mud)
- UV-resistant: PUR; FEP; PVC & PE black; CMG & CMX types
- Optimized EMC-compliant shielding
- 2 pairs: 10/100 Mbit/s for Industrial Ethernet
- HF properties Cat.5e according to IEC 61156-5 (AWG22), IEC 61156-6 (AWG24)
- Max. cable length at specified transmission rate:
 - Type A: 100 Mbit/s - max. 100 m
 - Type B: 100 Mbit/s - max. 85 m
-

Certifications and quality

- RoHS compliant // LABS/silicone-free
- Compliant with Directive 2014/35/EU ("Low Voltage Directive") CE
- FRNC: Flame Retardant Non Corrosive, halogen-free
- FC type with "fast-connect" cable construction
- Type A: for fixed installation | Type B: for flexible use



2003887

PROFINET C-PVC UL/CSA 2X2XAWG22/1

Service

Benefit from outstanding logistics services.

Our state-of-the-art and fully automated logistics centre in Nettetal and our logistics centres in the Netherlands, Poland, Italy and China ensure high availability of goods and fast delivery.

Our logistics – your advantage



Fully automated
Central warehouse



Drum types (disposable,
treated, untreated
in all sizes)



Rings
(All lengths, welded
in foil or blanco)



Customer markings



"Speed"
Deliveries



Site delivery



track & trace



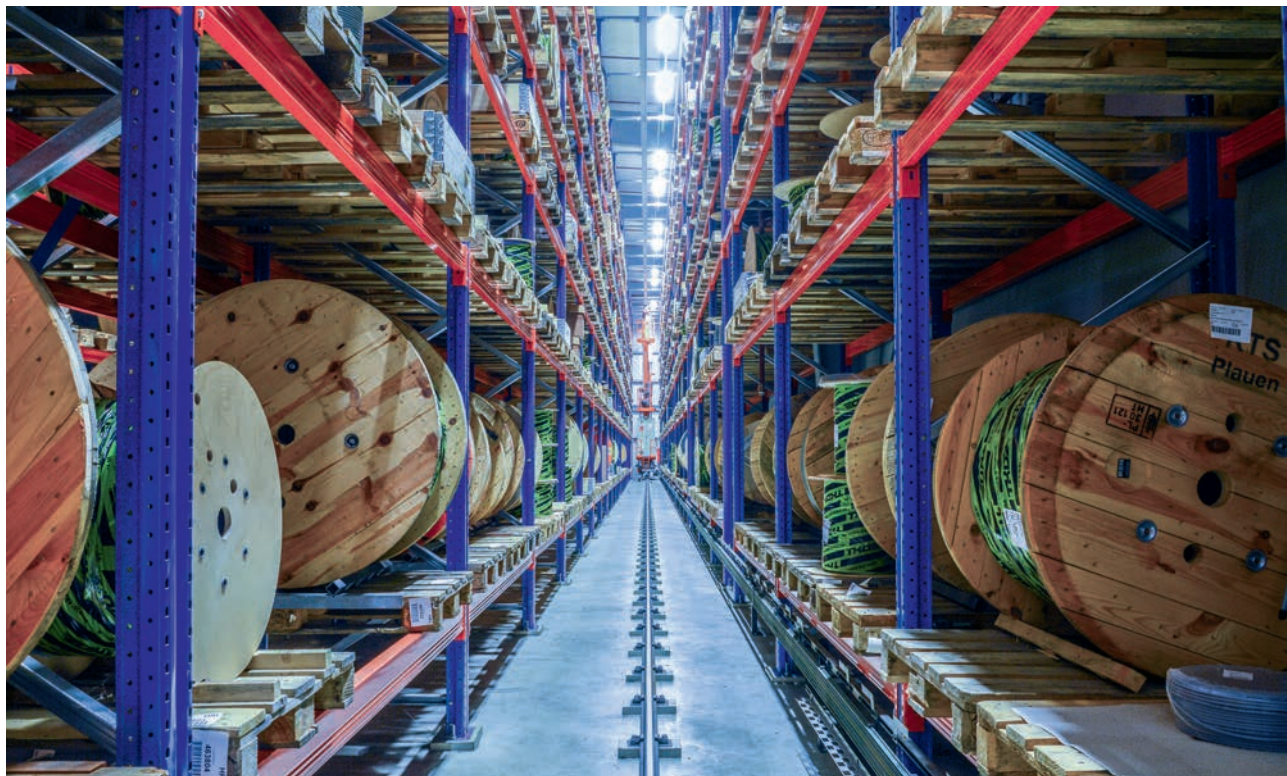
Cladding with Lamiflex
or wood

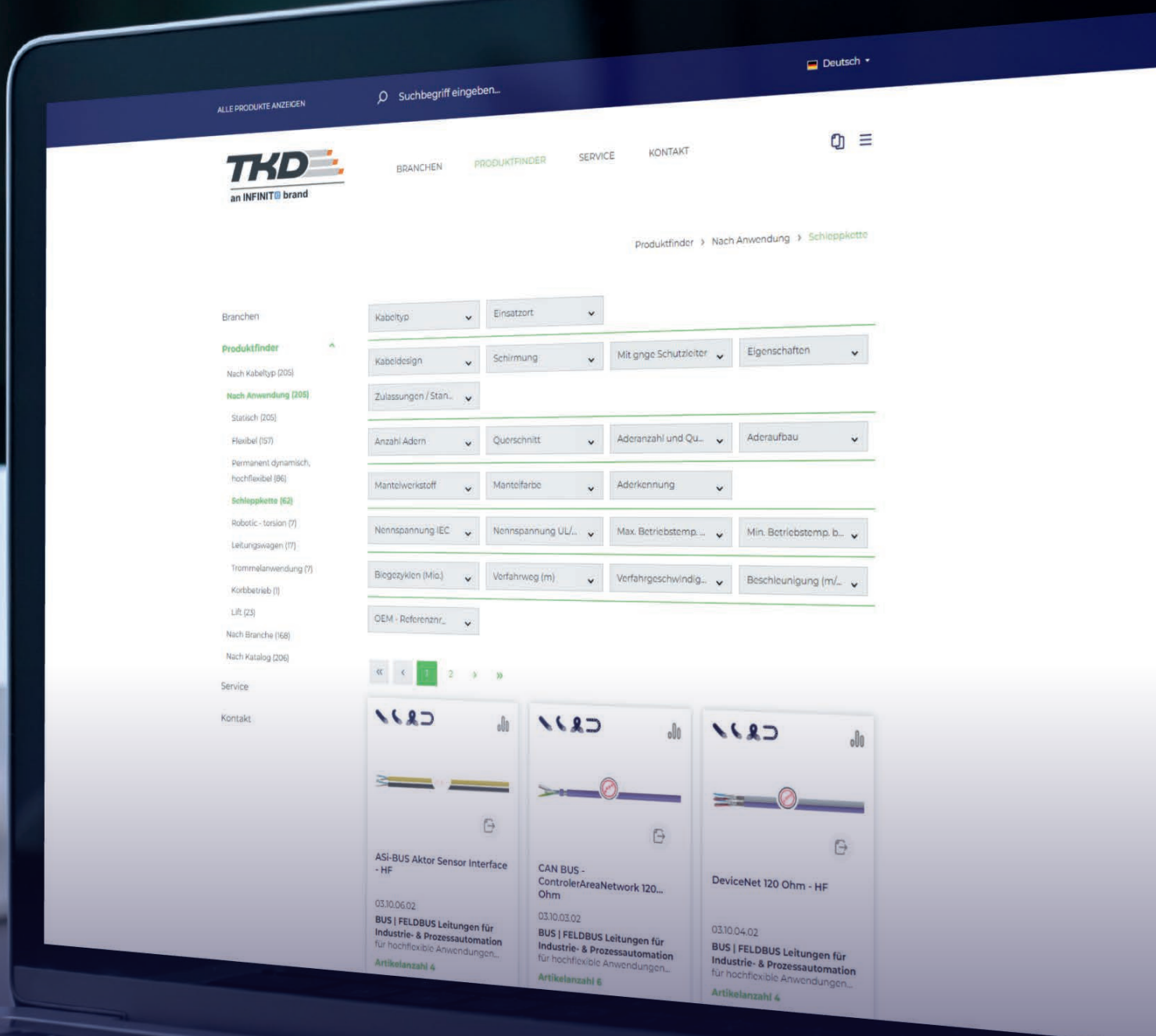


Special packaging



Ecologically compostable
filling material





**For the right choice of your cable
our product finder will help you:**



TKD CONNECTivity

Cable accessories, spiral cables, ready-to-connect solutions, and energy chain systems

Cabling systems are the key foundation for reliable operational processes – whether in mechanical engineering, automation technology, telecommunications, or the chemical industry; whether in tank farms, in the audio, video, and broadcasting sector, or in security technology. Pre-assembled and ready-to-connect cable solutions from TKD help you to complete projects much more quickly and cost-effectively.

Assembly Light Service

With our Assembly Light Service, we offer customized assembly and services for cutting, stripping, crimping, assembling, and packaging—exactly as you need it.

- **Cutting**
Cutting bulk goods to the exact length required – no waste, no reworking.
- **Stripping**
Removing the outer sheath and stripping the wire insulation – clean, precise, and ready for immediate further processing.
- **Crimping & Assembling**
Attaching contacts, connectors, and components – ready-assembled solutions that can be integrated directly into your processes.
- **Packaging**
Customized packaging and presentation of goods – tailored to your requirements, from small batches to large projects.



TKD CONNECTivity

Your advantage

- **No more handling of entire drums** – we deliver ready-made lengths.
- **Valuable space savings in storage and production.**
- **Outsourcing as needed** – simply outsource upstream work steps.
- **Faster assembly** – thanks to optimally prepared cables.
- **Secure price advantages** – particularly attractive due to high cable content.



TKD worldwide

Industries

Our companies are active in a broad selection of industries. Contact us to discuss our custom solutions for your specific industry.

- Machine building
- Industrial automation
- Energy
- Marine & offshore
- Automotive
- Public infrastructure
- Agriculture
- Lifts and escalators
- Transportation infrastructure
- Cranes & material handling
- Train, tram and metro industry
- Telecommunication and datacentres
- Food & beverage





TKDE
an INFINITE® brand

About Infinite Electronics

Infinite Electronics has a global portfolio of leading in-stock connectivity solution brands. Infinite's brands help propel the world's innovators forward by working urgently to provide products, solutions and real-time support for their customers. Infinite's brands serve customers across a wide range of industries with a broad inventory selection, same-day shipping and 24/7 customer service. Learn more at infiniteelectronics.com.

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