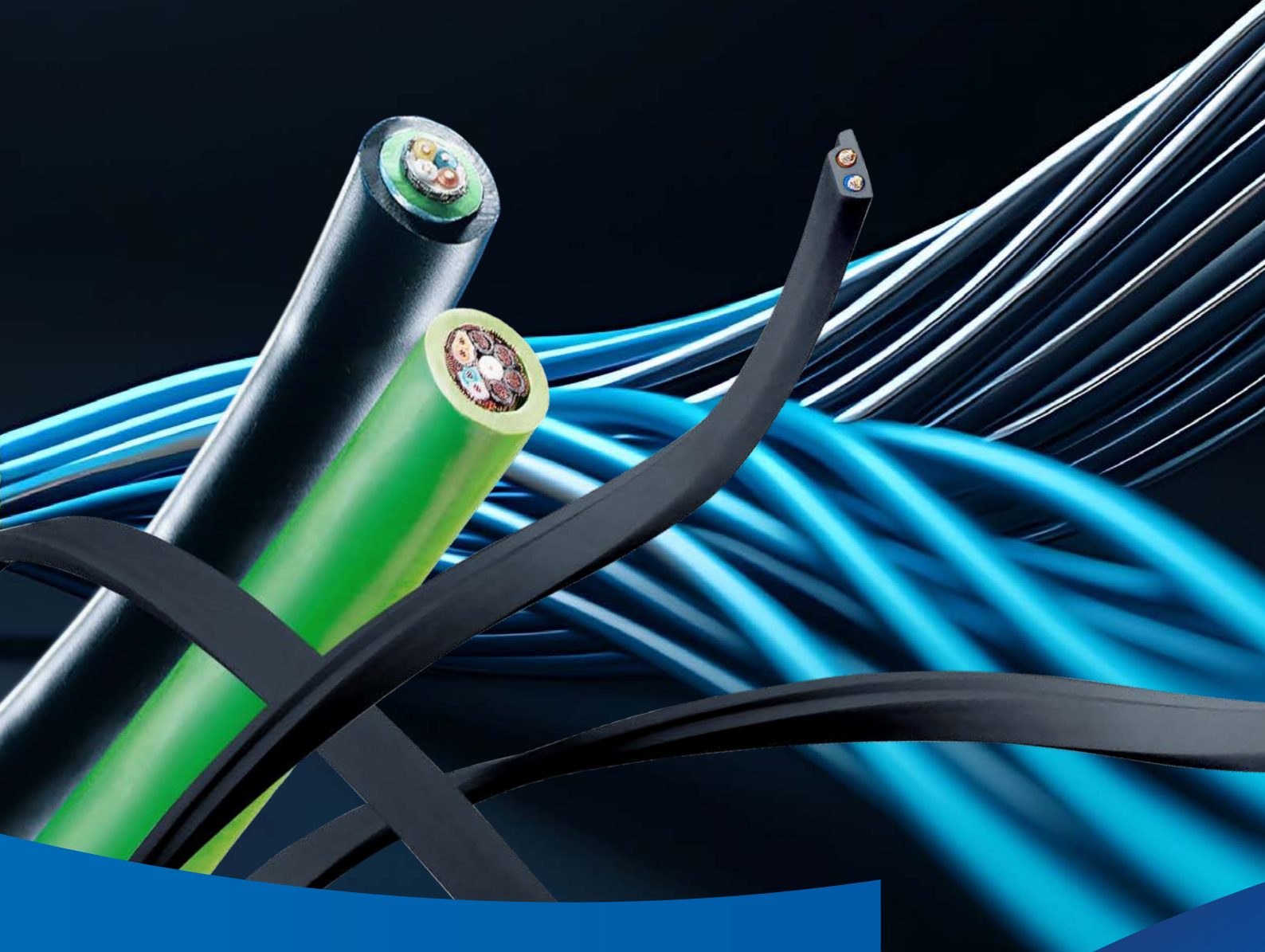


High-Performance Cables Customized for Your Application Automation & Drives



Reliable, efficient, and durable –
optimized cable solutions tailored
to your specific requirements.

Factory Automation & Machinery

BizLink

Tailored Engineering. Superior Manufacturing. Tailored to Your Needs.

Comprehensive Cable Certification Know-How for **Automation & Drives** Products

At BizLink, we don't just provide standard products – we deliver customized precision. We combine decades of expertise in material science with state-of-the-art manufacturing technology to turn your vision into reality.

> OUR MANUFACTURING CAPABILITIES – YOUR COMPETITIVE EDGE

- **Custom Design** > From initial sketch to prototype – we develop cables tailored exactly to your installation space and dynamic requirements.
- **Material Expertise** > In-house compounding for extreme resistance against e.g. chemicals, high temperatures (up to 260 °C), or mechanical stress.
- **High-End Extrusion** > Unique processes like Skin-Foam-Skin for optimized signal transmission with minimum diameters.
- **Maximum Complexity** > We can strand up to 42 elements in a single process – including air tubes, Kevlar strength members, or shielded pairs.
- **Proven Quality** > Seamless in-line monitoring and rigorous stress testing in our in-house test center guarantee absolute reliability.

SPECIAL DESIGNS FOR >

- | | | |
|----------------------------------|----------------|----------------------|
| • Automation Technology | • Packaging | • Chemicals |
| • Drives Applications | • Shipbuilding | • Forestry & Timber |
| • Robotics | • Offshore | • Oil & Gas |
| • Food & Beverage | • Aerospace | • Agriculture |
| • Machine Tools & CNC Technology | • Logistics | • Energy & Utilities |

> CABLES – DESIGNED TO MEET YOUR REQUIREMENTS

- Drag chain compatible
- Highly flexible
- Flame retardant
- Halogen free
- Oil resistant
- Fire resistant (PH 180)
- Mud resistant
- EMC compatible
- Sunlight resistant
- With rodent protection
- For direct burial
- Crush resistant
- UL approvals
- Marine approvals
- CPR approved



TESTING CAPABILITIES >

ELECTRICAL TESTING

- Network Analyzer measurements up to 50 GHz
- S-Parameter, Skew, De-Embedding
- Voltage measurements up to 60 kV (DC)
- All relevant Fieldbus or Ethernet standards (CAT 5 up to CAT 8)
- Transfer impedance, screen and coupling attenuation, etc.

MECHANICAL TESTING

- Drag chain tests
- Torsional tests
- Alternate and S-bending test
- Custom movements
- Crush test
- Tensile and Elongation tests

SITE CERTIFICATION >

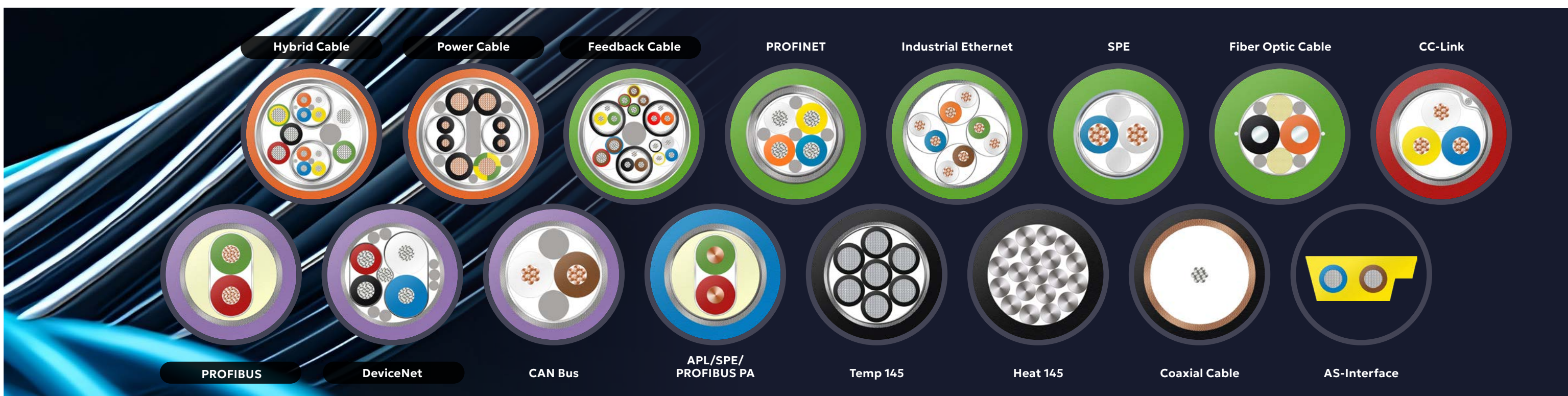
DIN ISO 9001 | DIN ISO 14001 | DIN ISO 50001 | DIN ISO 9100

PARTNER ASSOCIATIONS >



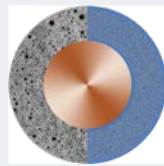
BIZLINK - PART OF SEVERAL APPROVAL AUTHORITIES >





INSULATION OPTIONS

- | | | | |
|-----------|--------|------------|--------|
| • PE | 105 °C | • PA | 105 °C |
| • Foam PE | 80 °C | • MPPE | 120 °C |
| • PP | 120 °C | • ETFE | 150 °C |
| • Foam PP | 90 °C | • FEP | 200 °C |
| • PVC | 90 °C | • Foam FEP | 200 °C |
| • FRNC | 120 °C | • PFA | 260 °C |
| • TPE | 120 °C | | |



Unique Skin-Foam-skin extrusion >
This improves cable transmission properties while reducing the total diameter.

TWISTING OPTIONS

- Twisted pairs
- Twisting elements
- Layer twisting
- 42 elements in one step
- Diameter: up to 30 mm
- Air blocking injection
- Water blocking yarn
- Machines for HF (50GHz) App.
- Different fillers, tubes, fibers, strength members

TAPES & BINDERS OPTIONS

- Polyester
- Polyester/Aluminium
- Polyester/Copper
- Non woven
- PTFE
- ePTFE
- Water blocking

ISOLATION / JACKET OPTIONS




- | | | | |
|--------|--------|-------------|--------|
| • PE | 105 °C | • ETFE | 150 °C |
| • PP | 120 °C | • FEP | 200 °C |
| • PVC | 90 °C | • PFA | 260 °C |
| • TPU | 90 °C | • Silicone | 180 °C |
| • FRNC | 180 °C | • Polyimide | 220 °C |
| • TPE | 90 °C | • PEEK | 260 °C |
| • PA | 105 °C | | |
| • MPPE | 120 °C | | |

CONDUCTOR OPTIONS

- Bare copper
- Tinned plated copper
- Silver plated copper
- Steel/Alu copper
- High strength alloys
- Fiber (different types)

Dimensions >

Cores AWG40 – AWG10
(0.02 – 7 mm²)
Specialties AWG 40 – AWG2
(0.005 – 40 mm²)
Outer diam. up to 40 mm
No. of cores up to 95

Solid wire  for static applications	Optic Fiber  for high data rates, electro-magnetically compatible	Stranded wire  for flexible applications
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CABLE SHIELDING OPTIONS

- Bare copper
- Corrugated copper
- Tin plated copper
- Silver plated copper
- Silver plated alloy
- Steel
- Polyester/Aluminium
- Polyester/Copper

Foil-Add-on >
Braided/Spiral (AWG44 – AWG30)

Where Possibilities Connect™



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 BizLink Group channel

Factory Automation & Machinery

BizLink Special Cables Germany GmbH
Eschstrasse 1 · 26169 Friesoythe · Germany