

BizLink



Industrial Specialities

The uniqueness of your requirement is our mission

We develop and produce customized cables.

We are the competence center for sophisticated connection technology.

Our service portfolio >

- Tailor-made cables and assemblies up to complex cable systems
- Small batch sizes from 100 m customerspecific cable designs to large quantities
- We are always customer-focused and the development partner at your side for demanding applications

With our know-how, we can meet the most demanding requirements, such as durability >

- For mechanical strength
- For Flexlife behavior
- Against aggressive media
- In harsh environments
- For long service life

Also in combination with >

- Signal integrity requirements
- Hybrid designs for additional transfer of liquids and/or gaseous media
- Additional individual requirements

We are the driving force and development partner in a wide range of markets

No matter what the issue is – whether it's highly specific requirements for mechanical load capacity, resistance to radiation and media, electrical transmission properties or compliance with certain norms and standards.

Market areas >

- Printing machines
- Conveying and handling systems also in the semiconductor industry
- Hand-held devices
- Inspection systems
- Food processing and packaging machines
- Marine and land defense (sonar technology, submarines)
- Measuring instruments
- Production plants
- Sensors, sensor systems
- Special machinery and plant engineering
- Machine tools
- Special-purpose vehicles
- ..

BIZLINK CREATES UNIQUE CABLE SOLUTIONS AT THE HIGHEST QUALITY LEVEL.



Industrial Specialities

Unique customer-specific solutions for a wide range of products

Our product portfolio >

- Single- and multi-core lines
- FST cables / HPF cables
- High-frequency cables
- Hybrid cables
- Coaxial cables
- Assembled cables & systems
- Miniaturized cables
- Specific ribbon cables
- Coiled cable
- ...

Your advantage >

- Flame resistant
- Frequency ranges up to 20 GHz
- Low susceptibility to interference
- Halogen-free
- High wear resistance
- Cable diameter from 0.3 mm to 55 mm
- Maximum flexibility
- Resistance to oil and chemicals
- Optimum signal transmission
- Suitable for drag chains
- Torsional strength
- ..



Competence does not arise overnight For over 35 years, we have learned and advanced on a daily basis

Focusing on creating solutions and an innovative spirit are integral to our thinking and actions. We look forward to the most complex inquiries and will become your project partner and problem solver for your challenges.

You determine the individual components of your "total solution management" to meet your individual requirements.

With excellent customer service and individual customer support, elocab cables can give your company a decisive competitive advantage.

We are the experts when it comes to designing custom

WHAT MAKES US UNIQUE

Our extensive knowledge of the specific requirements of your market (or application), combined with technical

BIZLINK HAS A **VALUE CHAIN THAT IS** UNIQUE IN THE **INDUSTRY**

> THIS OFFERS YOU **INVALUABLE OPPORTUNITIES** & SYNERGIES



- **>** CONSULTING
- > PROJECT PLANNING
- **>** ENGINEERING
- > PROTOTYPE BUILDING
- **> LONG-TERM TESTING**
- **>** ASSEMBLY & TECHNICAL **DOCUMENTATION**
- > CHANGE MANAGEMENT
- > SPARE PARTS MANAGEMENT
- **>** LOGISTICS SOLUTIONS
- > SERVICE CONCEPTS

WHAT SETS US APAR

TOTAL SOLUTION MANAGEMENT is our value proposition

- Industry-specific experience
- Comprehensive product and manufacturing expertise
- Innovative manufacturing and material technologies
- Optimal cable fixings and product designs
- Batch sizes from 100 meters
- Product development based on your information or optimization of existing solutions to technical problems

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Overview of special cables Hybrid cables · Miniature cables · Ribbon cables · High Performance Flex cables (HPF)

BizLink has a wide range of special cables that can be modified to perfectly suit your applications and their requirements.

Hybrid cables >

Hybrid cables combine complex supply and control tasks and go far beyond copper-based data transmission.

Various components, such as copper conductors, flexible fiber optic cables and slim coaxial cables, can be used in one cable.

- Low susceptibility to interference
- Extended lifespan
- Minimum batch size of 100 m up to large series
- Saves cost and space

Miniature cables >

BizLink develops and produces customized miniature cables such as single coaxial, multicoaxial, flat and hybrid cables. These are ideally suited for high-tech applications with extreme requirements for the degree of miniaturization and motion stress. The cable design is developed according to your requirements and can also be manufactured as a ready to install system solution if required.

- Optimum EMC properties
- High mobility and flexibility (torsion and bending resistance)
- Special outer jackets application-specific compounds



Ribbon cables >

Their unique design ensures optimum freedom of movement and durability in constantly moving applications. Especially in the so-called Flexlife application, in which the cable is moved along its longitudinal axis.

- Flame retardant
- Oil-resistant
- High degree of flexibility
- Chemical-resistant

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- UV-resistant
- RoHS-compliant
- Halogen-free

elocob High Performance Flex cables (HPF) >

One advantage of elocab HPF cables is that they do not require a bulky drag chain. The secret is that customized elocab HPF cables can be designed to be self-supporting with our patented guide technology and special clamps. Each elocab HPF cable consists of various components that are individually designed and built according to customer requirements. This enables a maximum bending life of up to 150 million bending cycles for applications such as automation, material transport, industrial robots or laboratory diagnostics.

- High degree of flexibility
 - -----
- Extended lifetime
- Optimized low-friction movement
- Saves cost and space
- Endless designs



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Overview of special cables

Coiled cables · Audio & video cables · Coaxial cables · Special designs

Coiled cables >

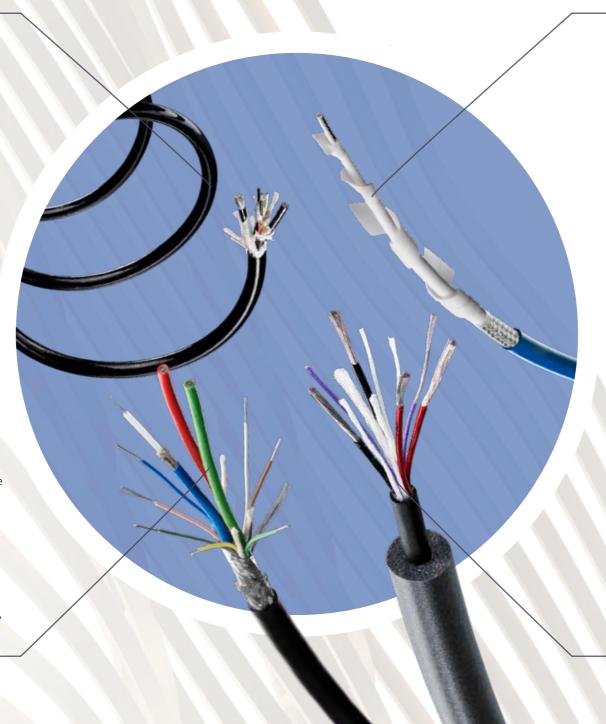
Tailor-made coiled cables are always used when the cable connection is exposed to extreme or predominantly irregular movements. The spiralling can absorb extreme mechanical loads, such as uneven tensile and torsional forces. The coiled design, therefore, provides targeted protection against electrical and mechanical influences.

- Reduced space requirement compared to conventional connection cables of the same useful length
- Maximum freedom of movement > Precise return forces ensure that the coiled cable always returns to its original shape, even under continuous load
- High mechanical and electrical resistance

Audio & video cables >

High-quality cables and lines are the nervous systems of modern industrial production. We can combine signaling, control or supply elements to suit your specific application. Thanks to application-specific materials and optimized cable structures, our elocab designs achieve the highest level of functional reliability and durability.

- Torsional strength
- High degree of flexibility
- Suitable for drag chains
- Abrasion resistance
- Resistant to oil and chemicals
- Free of halogen
- Transfer rates according to standards such as Gigabit Ethernet, Camera-Link, FireWire, USB, Gigastar



Coaxial cables >

The miniaturized version of a coaxial cable can be implemented from a minimum diameter of 0.3 mm. All coaxial cable types can be integrated into spiral round and flat cables. elocab multicoaxial round cables can contain up to 512 individual coaxials – these are used in industry and medical technology.

The cables transmit electrical signals and are, in some cases, subject to extreme requirements, e.g. for high-frequency suitability or signal traveling times.

The cable structure has a significant influence on these transmission properties.

- Excellent electromagnetic shielding
- Outstanding electrical transmission properties
- Extremely stable and uniform dielectrics

Special designs >

The more complex the job, the more individual the solution >
BizLink elocab is the right development partner for you. From the initial idea
to the finished product, we always have your requirements in mind. Tens of
thousands of designs and applications are proof of our development successes.

- Floating cable (see picture)
- Transverse and high-pressure resistant underwater cables
- Connection cables for vibrating machines
- Push rod cables for inspection robots
- Connection cables for drinking-water cleaning robots
- ...

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Our expertise as a cable system supplier & assembly manufacturer

Customer-specific design and engineering at the highest level >

From factory automation to complex measurement technology applications, we manufacture customer-specific cable systems.

Cable assembly developed according to your specifications >

As a specialized assembly company, there is hardly a cable that we cannot assemble or connectors that we cannot connect. From the strand to the cable set – from a single piece to a large series.

Service portfolio for cable systems ${f >}$

- We are the right development and system partner for everything from cable products by the meter to ready-to-install systems
- Exactly matched components
- The BizLink value chain enables a customer-specific solution and the fastest availability, even at the component level
- No high warehousing and stockpiling costs, thanks to ready-made system solutions and customer-specific logistics systems
- Simple, safe and fast assembly
- Reduced process costs

Service portfolio for assembly >

- Assembly of customer-specific and standardized cables
- Overmolded cables and connectors (housings and grommets)
- Cable harnesses in all versions and lengths
- Drag chain sets
- Wire sets



From submarine to pick & place...

We are your development partner













Digital printing machines

elocab High Performance Flex cables (HPF) master the combination of data and control cables with media hoses.

HPF cables are free of abrasion and have high sliding properties as well as alternating bending resistance. This makes them ideally suited for use in production and photo printers as well as digital printing systems.

Pick & place

In pick & place applications such as gripping, clamping and sorting systems, filling systems and handling applications, BizLink impresses with the production of a completely suitable cable set.

The HPF hybrid cable used here combines electrical components with media hoses and is very space-saving.

Inspection robots

Professional camera duct systems are required for shaft and duct pipe inspection systems as well as remediation systems. These applications have high reeling requirements and require a highly flexible and robust cable with a mechanically stable and media-resistant outer sheath.

Our solution is a customized hybrid cable with motion-optimized fiber optics that enable a resolution of up to 4K as image-transmitting elements in the

Underwater use

Our special cables offer high seawater resistance. This means that they are watertight up to a pressure of 100 bar in the transverse direction and up to 63 bar in the longitudinal direction.

In addition, the cables are also resistant to fire and oil and have a toxicity index of less than 5. With a service life of 20,000 hours, our specialty cables can be found in marine shipbuilding for both inboard and outboard applications.

Sensor systems

Our cables form part of connecting lines for miniaturized sensors as well as pressure, temperature and speed monitoring sensors and other sensing applications.

The highly flexible cable designs are resistant to media and temperature and offer application-specific sheathing and insulation solutions.

Agitators for biogas plant

BizLink hybrid round cables with wide range of components such as intelligently used fillers and swelling fleeces or integrated media brakes as top skins are used in agitators for biogas plants.

In addition to this complex integration of various components, the cable also meets the high requirements for flexibility and prevents the capillary effect.

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... all the way to aircraft

BizLink know-how is found in a wide range of applications



Surface coating systems for e.g. solar panels

The cable is continuously used in the medium-voltage range to coat surfaces such as metal, glass, semiconductors, and foils.

A paired structure ensures the required power transmission. Thanks to PU sheathing, the cable is also oil-resistant and therefore suitable for use in mechanical engineering.



Craneindustry

BizLink develops customized hybrid round cables with various components and cross-sections for the crane industry. The cables are both highly mechanically resistant and able to withstand heat and media. All properties are also available in spiral and reel forms.

Infotainment cabling in aircraft

In this application, it is important that the cable complies with all aircraft standards. It must be halogen-free, have a high flame resistance and offer the smallest possible diameter and low weight.

BizLink solves these requirements with cross-linked insulation materials with special insulation elements. In addition, the cross-sectional optimization of the copper cores is essential.

Special-purpose vehicles

The cabling must withstand high bending and torsional loads, abrasion, media and temperature resistance, and long service lives.

Our solution is a hybrid cable for power and data transfer with a compact design matched to deflection rollers. The cable has an ideal lay for the alternating bending and torsion mix, integrated strain relief elements and a highly effective, mechanically stable shield.

Manipulators

The hybrid cable used here has an almost symmetrical design and a robust PU sheath. It is reelable, tear-resistant and pressure-stable, as well as abrasion-resistant and radiation-resistant. The cable itself contains media hoses and electrical cable elements.

Floating cable for pool cleaning robots

For this application, BizLink developed a hybrid round cable with data transfer elements.

We use a special extrusion process to ensure the cable's floatability. In addition, our cable solution is very robust, reelable, cut- and notch-resistant and chlorine-water-resistant.

The whole is more than the sum of its parts (Aristotle)

because at the heart of our cables is the know-how of our team of experts

Individual solutions require a creative team to develop an individual cable design and meet all specific requirements. We do not limit ourselves to defined standards but address all the requirements of the applications.

OUR EXPERTISE IS ALWAYS WHEN THE STANDARD CABLE IS NO LONGER SUFFICIENT.

Sheath >

The cable sheath has a variety of functions:

- External mechanical protection of components
- Tear, tensile, stress and notch strength
- Media resistance
- Resistance to cold and heat
- Compliance with specific standards
- Radiation resistance
- Printing

We have state-of-the-art materials at our disposal to optimally adapt the cable sheath to your needs and applications.

Shielding >

The shielding provides protection against electromagnetic fields. The shield type is adapted accordingly depending on the area of application:

- · Interference factors affecting the cable or its components (e.g. magnetic fields)
- · Load due to the application (e.g. torsion, drag chain)
- Use of the cable or components (e.g. data transfer)

Foil shielding > Achieves up to 100 % coverage and is suitable for high frequencies

Strand shielding > Achieves 90 % to 95 % optical coverage and is very suitable for torsional applications due to its flexibility

Braided shielding > Achieves 85 % optical coverage. The shield is more rigid and is therefore, well-suited for handheld applications.

Filler >

The fillers in the cable are always well adapted to the interior and fulfill a wide range of functions:

- Filler for shaping a round cable
- Stable fillers as core filler (solid fillers)
- Flexible fillers for high-temperature cables
- Fillers and nonwovens with sealing properties

Fillers contribute to the function and durability of the cable. Our team will of course also support you on this topic.

Insulation materials >

Beyond standard - when normal is simply no longer enough, special materials are used. The correct choice of material is essential to protect the line from environmental influences and loads:

- Mechanical loads
- Electrical properties
- Thermal loads
- Fire and heat hazard
- Water absorption
- Exposure to radiation
- Chemical loads

Conductors >

Many factors play a role in selecting the right conductor. Various movements, purity and outgassing, and external influences, such as temperature, are essential in determining the choice of material and processing.

- Bare copper conductors (up to 80 °C)
- Tinned conductors (up to 150 °C)
- Silver-plated conductors (up to 200 °C)
- Nickel-plated conductors (up to 260 °C)
- Pure nickel conductor (up to 700 °C)

In addition to the classic electrical conductors, other components are also installed in hybrid cables. Examples here include optical transmission elements such as fiber optics (FOC) and plastic fibers (POF) to enable high data transfer rates while saving space in the cable. Hoses in a wide range of qualities are also complementary components in our customer-specific hybrid cable solutions.

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Materials and properties

| Material | Chemical Description | VDE Desig- nation | sig- Thermal Properties | | | | | | Resistance | | | | | | | Physical Properties | | | | Electric Properties | | | Flammability | | | | |
|--------------------------|--|-------------------------|---------------------------|---------|---------|---------------------------------|-------------------------------|---------------------------|------------|-----------------|---------------------|-------|------|--------------------------|-------------------|---------------------|------|-------------------|---------------------------------------|-----------------------------|---------------------------------|------------------|-------------------------|------|--------------------------|--------|-----------|
| | | | Contin Operat Tempe | ting | | Thermal Overload Capacity | Melt/Flow Tempera- ture | Cold Wind- ing Test | Oil | Acid/ Alkali | Che- mi- cals | Ozone | UV | Water Absorp- tion | Hardness Shore | | | ro-sive Resis- | Specific Volume Resist- ance | Dielec- tric Strength | Relative Permit- n tivity | LOI | Flame retar- dant | | Cor- ro-sive Gases | e ogen | |
| | | | | 000 h | 3.000 h | | | | | | | | | | | | | | | | | | | | | | |
| FLUORPO | NVMED | | from °C | C to °C | °C | °C | °C | °C | | | | | | % | A/D | (MPa) | % | | Ω x cm | kV/mm | | % O ₂ | | | | | g/cm³ |
| PTFE | Polytetrafluorethylene | 5Y | -190 | 260 | 300 | 310 | 327 | -90 | ++ | ++ | ++ | ++ | ++ | 0.01 | D55-D65 | >20 | >200 | ++ | >1018 | >20 | 2.0 | 95 | ++ | ves | | no | 2.10-2.30 |
| PFA | Tetrafluorethylene-Perfluorpropylvinylether | 51Y | -190 | 250 | 250 | 280 | 300-310 | -90 | ++ | ++ | ++ | ++ | ++ | 0.01 | D55-D60 | | >200 | | >1016 | >25 | 2.1 | 95 | ++ | yes | | no | 2.12-2.17 |
| MFA | Tetrafluorethylene-Perfluormethylvinylether | N.a. | -100 | 230 | 250 | 270 | 280-290 | -90 | ++ | ++ | ++ | ++ | ++ | 0.01 | D55-D60 | | >200 | | >1016 | >25 | 2.1 | 95 | ++ | yes | | no | 2.12-2.17 |
| FEP | Tetrafluorethylene-Hexafluorpropylene | 6Y | -100 | 205 | 230 | 260 | 265-270 | -80 | ++ | ++ | ++ | ++ | ++ | 0.01 | D55-D60 | | >200 | | >1018 | >25 | 2.1 | 95 | ++ | yes | | no | 2.00-2.30 |
| ETFE | Ethylene-Tetrafluorethylene | 7Y | -100 | 135 | 180 | 200 | 235-270 | -65 | ++ | ++ | ++ | ++ | ++ | 0.02 | D70-D75 | >25 | >150 | ++ | >1015 | >30 | 2.6 | >30 | ++ | yes | | no | 1.60-1.80 |
| ECTFE | Ethylene-Chlortrifluorethylene | 71Y | -100 | 125 | 150 | 160 | 250-280 | -65 | ++ | ++ | ++ | ++ | ++ | 0.10 | D70-D75 | >25 | >150 | ++ | >1014 | >30 | 2.5 | >50 | ++ | yes | | no | 1.67-1.69 |
| PVDF | Polyvinylidenfluoride | 10Y | -100 | 135 | 135-145 | 160 | 160-190 | -65 | ++ | ++ | ++ | ++ | ++ | 0.02 | D75-D80 | >25 | >100 | ++ | >1014 | >25 | > 8.0 | >30 | ++ | yes | | no | 1.70-1.90 |
| SILICONE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| VMQ R | Silicone-Rubber (cross-linked by peroxide) | 2G | -60 | 180 | 230 | >300 | cross-linked | -80 | -/+ | -/+ | + | + | ++ | 1.00 | A40-A90 | 6-15 | >300 | + | >1015 | 20-36 | >2.7 | 25-35 | ++ | yes | ++ | yes | 1.10-1.30 |
| VMQ Rp | Silicone-Rubber (cross-linked by addition) | 2G | -60 | 180 | 230 | >300 | cross-linked | -80 | + | + | + | + | ++ | 1.00 | A30-A90 | 6-13 | >250 | + | >1015 | >20 | >3.0 | 25-35 | ++ | yes | ++ | yes | 1.07-1.31 |
| VM Q LR | Silicone-Rubber (cross-linked by addition LSR) | 2G | -60 | 180 | 230 | >300 | cross-linked | -80 | + | + | + | + | ++ | 1.00 | A20-A70 | 6,5-10 | >300 | + | >1015 | >22 | >3.0 | 25-35 | ++ | yes | ++ | yes | 1.10-1.18 |
| THERMO | PLASTICS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LDPE | Low Density Polyethylene | 2Y | -50 | 70 | 90 | 100 | 115-125 | -50 | -/+ | ++ | + | + | - | <0.01 | D45 | 10-20 | >400 | + | >1018 | >70 | 2.3 | <17 | - | yes | ++ | yes | 0.92-0.94 |
| HDPE | High Density Polyethylene | 2Y | -50 | 90 | 110 | 115 | 115-125 | -50 | -/+ | ++ | + | + | - | <0.01 | D64 | 15-30 | >400 | -/+ | >1018 | >80 | 2.4 | <17 | - | yes | ++ | yes | 0.94-0.96 |
| PA | Polyamide | 4Y | -40 | 105 | 125 | 150 | 230-260 | -30 | ++ | -/+ | + | + | -/+ | 1.00-1.50 | D75-D80 | 50-60 | >50 | ++ | 1013 | >30 | 3.5-4.5 | 28 | + | yes | ++ | yes | 1.14 |
| PP | Polypropylene | 9Y | -40 | 90 | 110 | 140 | 130-145 | -40 | + | + | + | + | -/+ | 0.10 | D65-D70 | >30 | >400 | + | >1016 | >80 | 2.3 | 18 | - | yes | ++ | yes | 0.91 |
| PVC | Polyvinylchloride | Υ | -40 | 80 | 120 | 140 | 140-160 | -40 | -/+ | + | -/+ | ++ | -/+ | 0.40 | A50-D50 | >10 | >200 | + | >1010 | >20 | 4.0-5.0 | >20 | ++ | no | | no | 1.35-1.50 |
| THERMOPLASTIC ELASTOMERS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TPE-U | Thermoplastic Polyurethane Elastomer | 11Y | -60 | 80 | 125 | 150 | 180-205 | -50 | ++ | ++ | + | + | + | 0.80-1.50 | A80-D75 | >30 | >400 | ++ | >109 | >10 | 5.5-8.0 | <30 | -/+ | N.a. | ++ | yes | 1.12-1.21 |
| TPE-E | Thermoplastic Polyester Elastomer | 13Y o. 12Y | -70 | 115 | 150 | 160 | 180-230 | -50 | ++ | - | ++ | + | ++ | 0.60-1.20 | D40-D78 | >20 | >300 | ++ | >109 | >10 | 3.5-5.0 | <29 | -/+ | yes | ++ | yes | 1.00-1.20 |
| TPE-S | Thermoplastic Polystyrene Elastomer | 17Y | -75 | 115 | 125 | 140-150 | >150 | -40 | + | + | + | + | + | 1.00-2.00 | A30-D50 | >15 | >200 | + | >1010 | >10 | 3.0-4.0 | 22-27 | -/+ | yes | + | yes | 1.10-1.30 |
| TPE-O | Thermoplastic Polyolefin Elastomer | 18Y | -40 | 90 | 120 | 130-150 | >135 | -40 | - | ++ | + | + | + | 1.50 | A50-D40 | >10 | >300 | + | >1014 | >20 | 3.0 | 22-27 | -/+ | yes | + | yes | 1.20-1.40 |
| TPE-V | Thermoplastic Polyolefin Elastomer | k.A. | -60 | 110 | 130 | 150 | 155-230 | -40 | + | ++ | + | ++ | ++ | 2.00 | A35-D50 | 4-26 | >400 | + | k.A. | >30 | 2.3 | 19* | -* | no | -* | yes* | 0.91* |
| | | | | | | | | | | | | | | | | | | | | | | 26** | +** | | +** | no** | 1.24** |
| ELASTOMERS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EPDM | Ethylen-Polypropylene-Terpolymer | 3G | -40 | 90 | 100 | 150 | cross-linked | | | ++ | + | + | ++ | 0.02 | A60-D90 | 7–15 | >200 | + | >1015 | 30 | 3.0-4.0 | 30 | -/+ | yes | + | yes | 1.30-1.40 |
| EPR | Ethylen-Polypropylene-Rubber | 3G | -40 | 90 | 100 | 160 | cross-linked | -65 | | ++ | + | ++ | + | 0.20 | A60-D85 | 7–10 | >200 | + | 1013-1015 | 30 | 3.0-5.0 | | -/+ | yes | + | yes | 1.30-1.40 |
| EVM | Ethylen-Vinyl Acetate-Rubber | 4G | -40 | 120 | 150 | 180 | cross-linked | | + | + | + | + | + | 0.10 | | >10 | >200 | | 1012-1014 | | 4.0-7.0 | | -/+ | yes | + | yes | 1.30-1.45 |
| CR | Chloroprene-Rubber | 5G | -40 | 90 | 120 | 140 | | -40 | + | + | + | + | + | 1.00 | A55-D70 | | >250 | | 1010-1011 | | 6.0-9.0 | | ++ | no | | no | 1.40-1.45 |
| | Fluorubber | N.a. | -20 | 180 | 200 | 260 | cross-linked | -20 | ++ | ++ | ++ | ++ | ++ | >0.20 | A60-D40 | 5-13 | 200 | + | 1010-1014 | >15 | 6.0-9.0 | 40 | ++ | yes | | no | 1.90-2.25 |
| SPECIAL THERMOPLASTICS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PI | Polyimide | 8Y | -190 | 220 | | 400 | | -70 | -/+ | - | + | + | ++ | >0.25 | D80-D90 | | >70 | ++ | >1017 | 28 | 3.5 | 40-50 | ++ | yes | + | yes | 1.45 |
| PEEK | Polyetheretherketone | 20Y | -65 | 230 | | 300 | 340 | -50 | ++ | | + | ++ | + | 0.50 | | >20 | | ++ | >1016 | >130 | 3.2 | 35 | ++ | yes | + | yes | 1.32 |
| PEI | Polyetherimide | N.a. | -40 | 150 | | 190 | >220 | -25 | + | -/+ | + | + | + | >0.25 | D80-D85 | | >60 | | >1015 | >180 | 3.2-3.5 | | + | , | + | | 1.27 |
| PEIC | Siloxane Polyetherimide Copolymer | 21Y | -40 | 120 | 150 | 160 | >170 | -65 | + | - | + | + | + | N.a. | D60-D70 | >30 | >100 | + | >1014 | >16 | 2.8 | 46 | + | yes | + | yes | 1.18 |
| OTHERS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PAR | Para-Aramid-Fibre | N.a. | -190 | 250 | | 350 | no | -40 | | | N.a. | N.a. | | | N.a. | >2200 | | | N.a. | N.a. | N.a. | >40 | + | • | + | | 1.45 |
| GLI | Mica tape | N.a. | -50 | >900 | | N.a. | N.a. | N.a. | N.a. | N.a. | N.a. | | N.a. | | N.a. | >80 | N.a. | N.a. | N.a. | N.a. | N.a. | | + | | N.a. | yes | >2.70 |
| GL | Glas fibre | N.a. | N.a. | >500 | N.a. | N.a. | N.a. | N.a. | N.a. | N.a. | N.a. | N.a. | N.a. | N.a. | N.a. | >80 | N.a. | N.a. | N.a. | N.a. | N.a. | >90 | + | N.a. | N.a. | yes | N.a. |

All data is based on statistical values and must be verified in each case.

*without fire protection agent **with fire protection agent

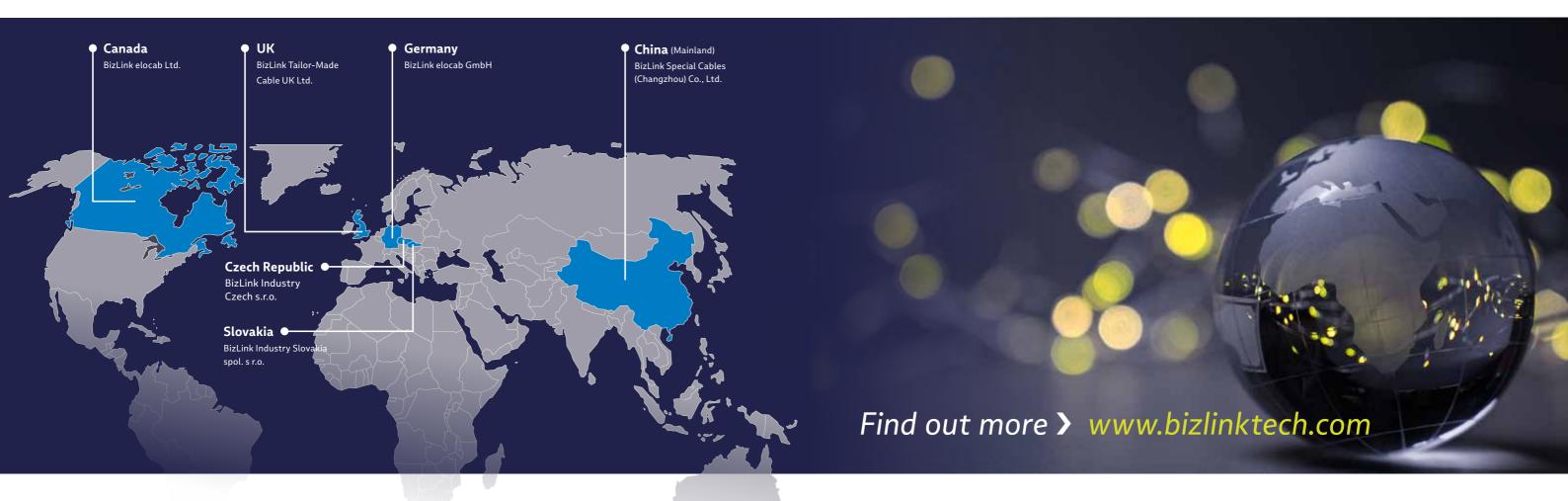
++ optimal / + good / - moderate / - - insufficient N. a. = Not available



elocal

Sales network

Worldwide



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About BizLink

Innovative. Reliable. Sustainable.

Founded in 1996 and headquartered in Silicon Valley, USA, BizLink is dedicated to making transformative connections that bring visionary ideas to life.

We specialize in providing essential components such as wire harnesses, connectors, and cables to a broad spectrum of industries including IT Infrastructure, Client Peripherals, Optical Fiber Communications, Telecom & Networking, Electrical Appliances, Medical Equipment, Factory Automation & Machinery, Semiconductor Technology, Healthcare, Motor Vehicles, Mobility, Marine, Industrial, and Solar Energy.

Our global presence, with flexible production resources and R&D teams across America, Europe, and Asia, allows us to proactively drive innovation and enable future possibilities.

At BizLink, our customer-centric approach and commitment to relentless advancement empower us to deliver zero-distance service and continual performance optimization, making a positive and meaningful impact worldwide. We turn possibilities into reality; furthermore, we connect possibilities to world-changing visions.

Where Possibilities Connect™



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