



Future-proof networking and supply

Energy and communication solutions

The cable professionals

As a specialist wholesaler for cables and wires, the product portfolio we can offer our customers has great width and depth. We keep approx. 75,000 kilometres of cables and wires on 160,000 m². This makes us one of the largest cable distributors in Europe.

Future-proof networking and supply

A different kind of partnership

Our approach to a modern partnership:

As a full-service provider in the cable and wire sector, we focus on the highest quality standards and fast, flexible delivery. We minimise risks for our customers by avoiding capital commitment, the risk of theft and valuation risks. At the same time, we help to reduce storage space and costs - for an efficient and worry-free supply.



Your experts





Your benefit

Faber can look back on decades of successful co-operation with municipal utilities, energy companies, suppliers to the energy industry and civil engineering companies. We see ourselves as a modern service provider and constantly orientate our product range and services to the wishes and needs of our customers.

Focus on areas of application

Cable and system solutions for your energy and grid expansion project

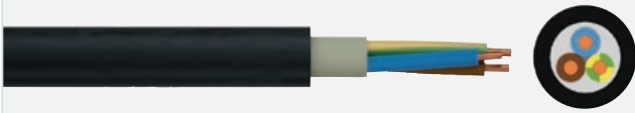
The basis of our corporate concept:

- | | |
|---|---|
|  Maximum product availability and quality
To provide fast and flexible delivery times, most of our cables and wires are available from stock, a concept that our customers appreciate just as much as they do the high quality of our products. Our suppliers are ISO 9001-certified, and their products are thoroughly inspected upon receipt. |  Services as part of delivery
The versatility of our delivery services enables us to specifically address the needs of different industries. Our service portfolio includes provisioning of pallet trucks or lifting platforms, the selection of different delivery vehicles, and time-critical deliveries. |
|  Personal advice
Personal customer service is our top priority. Let our competent contacts in the office and regional field service advise you on site on all questions relating to our product portfolio and technical aspects. |  Quality products for maximum safety
Benefit from our extensive range of halogen-free cables and wires, fire protection cables and safety cables. All our products meet the most stringent safety standards. Our suppliers are ISO 9001 certified, and their products are thoroughly inspected upon receipt. |

Low voltage cables for your network

FIXED INSTALLATION

Power cable NYY-J/-O / NAYY-J/-O



CROSS SECTIONS: 1.5 to 800 mm²

APPLICATION: For installation indoors, outdoors, in soil, in water and in concrete.

Power cable NYCY / NYCWY / NAYCWY



CROSS SECTIONS: 1.5 to 300 mm²

APPLICATION: For laying indoors, outdoors, in soil, in water and in concrete.

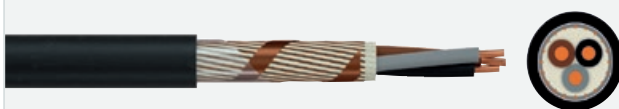
Halogen-free Power cable N2XH



CROSS SECTIONS: 4 to 300 mm²

APPLICATION: Halogen-free, low-smoke power cable with improved flame-retardance. For fixed installation indoors, in air as well as in concrete, but not for direct burial in the ground or application in water.

Halogen-free Power cable N2XCH



CROSS SECTIONS: 1.5 to 240 mm²

APPLICATION: Halogen-free, low-smoke power cable with improved flame-retardance. For fixed installation indoors, in air as well as in concrete, but not for direct burial in the ground or application in water.

FLEXIBLE APPLICATION

Rubber cable H07RN-F



CROSS SECTIONS: 1 to 630 mm²

APPLICATION: Cables of the type H07RN-F are flexible rubber cables, which are used as connection cables and control cables. Faber offers you H07RN-F cables in different models, which you can order by the metre for a wide range of applications.

Halogen-free rubber cable H07RN-F LSOH



APPLICATION: Halogen-free, low-smoke cable suitable medium mechanical stress (AG2) in dry, wet and damp locations as well as outdoors. The LSOH cable is good resistance to atmospheric agents, grease and mineral oils. The areas of application range from building sites to industrial use. It is also suitable for permanent use in fresh or sea water (AD 8) up to a depth of 500 m (50 bar). When installed in ducts or similar enclosed systems, the use of the cable is permitted up to and including 1000 V AC voltage or up to 750 V DC voltage against earth.

Aluminium rubber cable 07BN4-AF



CROSS SECTIONS: 6 to 240 mm²

APPLICATION: For installation in dry and wet rooms as well as outdoors at medium mechanical stress. For fixed and flexible connection of electrical tools and appliances. Also suitable for application in wind power generators at medium mechanical stress. A Dekra certificate are available on request.

Solar cable

FABER® SolarPlus H1Z2Z2-K



APPLICATION: up to 240 mm² available from stock

Solar line for freely movable use or fixed installation in photovoltaic systems as per EN 60364-7-712. The cable may be used indoors, outdoors, in explosive areas, in industrial or agricultural operations and is approved for direct laying in the ground. The cable is regarded as short-circuit-proof and earth leakage-proof. It meets the VDE application regulation VDE-AR-E 2283-4. The cable has been subjected to the following additional tests: - abrasion as per EN 50289-3-7 - water AD 7 as per HD 516.

Discover the advantages of our multi-chamber drums!

www.faberkabel.de/en



Faber

Multi-chamber drums

Three equal lengths of cable, e.g. medium-voltage or underground cable, can be spooled onto one drum (diameter 2.20 m) in three chambers. The maximum consignment weight per drum is limited to 4,500 kg.

What does this mean to you?



Space savings on the construction site:

The compact storage of cables on our multi-chamber drums saves you valuable space on the construction site.



Fast processing & handling:

Thanks to the option of parallel laying, the cables can be laid efficiently and quickly.

If required, we can also unload the drums at the destination.

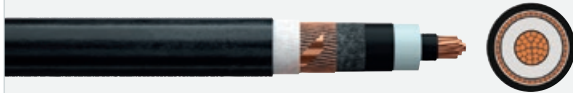
Would you like to find out more about our multi-chamber drums or do you have specific enquiries?
Please do not hesitate to contact us!



Medium-voltage cable for your network

FIXED INSTALLATION

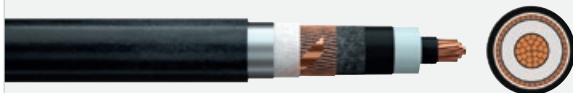
Medium-voltage cable N2XS(F)2Y / NA2XS(F)2Y



CROSS SECTIONS: 35 to 1,000 mm²

APPLICATION: For installation in the ground, in water, outdoors, indoors and in cable ducts for power stations, industrial applications and distribution networks. It should be noted during installation in cable ducts and interior spaces that the PE-sheath is zero-halogen, yet not flame-retardant as defined under DIN VDE 0482-332-1. This cable is also suitable for unfavourable operating conditions, specifically where there is a need to avoid water penetration lengthwise following mechanical damage.

Medium-voltage cable N2XS(FL)2Y / NA2XS(FL)2Y



CROSS SECTIONS: 35 to 800 mm²

APPLICATION: For installation in the ground, in water, outdoors, indoors and in cable ducts for power stations, industrial applications and distribution networks. The high mechanical durability of the PE-sheath permits strong mechanical stress during installation or operation. This cable is also suitable for unfavourable operating conditions, specifically where there is a need to avoid water penetration both crosswise and lengthwise following mechanical damage.

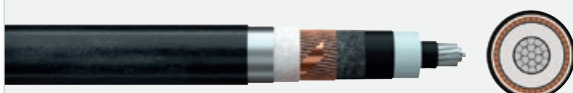
Medium-voltage cable NA2XS(F)2Y 3-fold stranded



CROSS SECTIONS: 150 to 300 mm²

APPLICATION: For installation in the ground, in water, outdoors, indoors and in cable ducts for power stations, industrial applications and distribution networks. The high mechanical durability of the PE-sheath permits strong mechanical stress during installation or operation. This cable is also suitable for unfavourable operating conditions, specifically where there is a need to avoid water penetration lengthwise following mechanical damage.

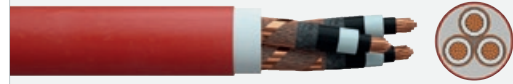
Medium-voltage cable NA2XS(FL)2Yv



CROSS SECTIONS: 50 to 800 mm²

APPLICATION: For installation in the ground, in water, outdoors, indoors and in cable ducts for power stations, industrial applications and distribution networks. The high mechanical durability of the PE-sheath permits strong mechanical stress during installation or operation. This cable is also suitable for unfavourable operating conditions, specifically where there is a need to avoid water penetration both crosswise and lengthwise following mechanical damage.

Medium-voltage cable N2XSEY



CROSS SECTIONS: 35 to 300 mm²

APPLICATION: For installation in the ground, in water, outdoors, indoors and in cable ducts for power stations, industrial applications and distribution networks. The good installation properties of this cable allow an easy installation, even on difficult routes. According to VDE 0276-603 cables must be protected from sunlight.

FLEXIBLE REELING CABLE

Medium voltage reeling cable FABER® (N)TMCWOEU 26/45 kV



CROSS SECTIONS: 35 to 400 mm²

APPLICATION: Single core cables are used in short lengths, e.g. for connection of switchgear cubicles and for connection of mobile transformer substations.

Medium voltage reeling cable

Bitflex® DC (N)TMCGC11Y / Bitflex® DC (N)TMCGCWOEU – UL



APPLICATION: Energy cable for large electric motors and offshore systems for slow-running cable carriers or reel applications.

Medium voltage reeling cable

BiTcrane® (N)TSKCGWOEU-SR PLUS HS FO



APPLICATION: Flexible reeling cable with integrated fibre optics wires for high and extreme mechanical stresses, e.g. torsional stress, deflection into different planes and high reeling speed.

Faber

Fibre optics for your network

Optical fibre cable - standard - outdoor

A-DQ(ZN)B2Y nx12/nx24 G.652D



NO. OF FIBRES: 12 to 864

APPLICATION: These standard cables are used in empty conduits and troughs. Laying by pulling in or blowing in.

Optical fibre cable - standard - universal

A/I-DQ(ZN)BH nx12/nx24 G.652D



NO. OF FIBRES: 12 to 864

APPLICATION: Outdoor/indoor cable for use in empty conduits (outdoor) and for free laying (indoor).

Faber

Fibre optic cables – for broadband expansion

MINI CABLES

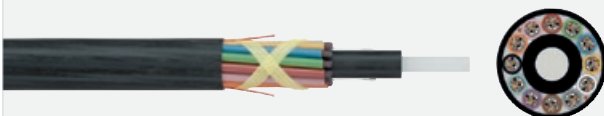
LWL Mini A-DQ2Y nx12 G.657A1/G.652D



NO. OF FIBRES: 12 to 288, from 12/8 to 20/15 microduct

APPLICATION: These mini cables are used in microducts and are installed by blowing them in. The cable diameter and microduct dimensions must be matched to each other.

LWL Mini A-DQ2Y nx24 G.657A1/G.652D 200 μ



NO. OF FIBRES: 96 to 576, from 12/8 to 20/15 microduct

APPLICATION: These mini cables are used in microducts and are installed by blowing them in. The cable diameter and microduct dimensions must be matched to each other.

LWL Mini A-DQ2Y nx12 G.657A1/G.652D 200 μ

UTL



NO. OF FIBRES: 144 to 288, from 14/10 to 20/15 microduct

APPLICATION: These mini cables are used in microducts in which a maximum number of fibres are to be inserted. They are installed by blowing in. The cable diameter and microduct dimensions must be matched to each other.

MICRO CABLES/FIBER UNIT (EPFU)

LWL Micro A-D(ZN)2Y 1xn G.657A1/G.652D for 7/4 microducts (200 μ) or 10/6 microducts

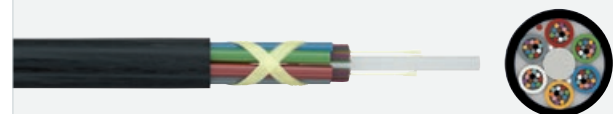


NO. OF FIBRES: 4 to 24

APPLICATION: These micro cables are used in microducts with an internal diameter of 4 mm or 6 mm and are installed by blowing.

LWL Micro A-DQ2Y nx12 G.657A1 200 μ for 10/6 microducts

UTL



NO. OF FIBRES: 24 to 96

APPLICATION: These micro cables are used in microducts with an internal diameter of 6 mm and are installed by blowing or pushing in. The compact design of the UTL series allows a maximum number of fibres to be used.

Fiber Unit (EPFU) 1xn G.657A1 for ≤ 7/4 microducts



NO. OF FIBRES: 2 to 12

APPLICATION: These micro cables are used in microducts with an internal diameter ≤ 4 mm and are installed by blowing or pushing them in.

FTTx-civil engineering – Products

Microducts / multiducts, subducts and accessories

Faber offers a whole range of products for the expansion of FTTx networks. Our wide stock range of microducts (7/4, 10/6, 12/8, 14/10, 16/12, 20/15) and subducts ensures reliable material supply for your projects at short notice.

Accessories like

- connectors
 - end stops
 - reducer
 - underground warning tapes
 - cable marking band
 - gas / water stops
 - branching aids
 - lubricants (FAB10 / FAB20)
- complete the assortment.



online shop



Polycarbonate manholes and accessories

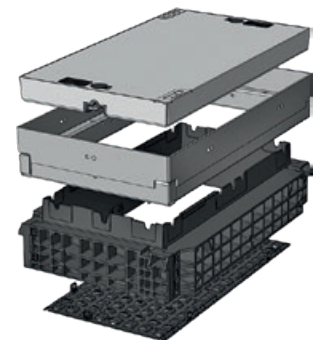
Langmatz polycarbonate manholes are a durable and flexible alternative to concrete manholes with many practical advantages.

Faber offers a variety of different sizes (full package with 2x frame 220 mm, 1x frame 70 mm, height adjustment, hexagonal locking) in the stock range:

- Faber® Langmatz® EK378, clear dimensions: 400 x 800 mm
- Faber® Langmatz® EK478, clear dimensions: 400 x 1165 mm
- Faber® Langmatz® EK628, clear dimensions: 400 x 1600 mm
- Faber® Langmatz® EK338, clear dimensions: 550 x 1165 mm
- Faber® Langmatz® EK648, clear dimensions: 550 x 1400 mm
- Faber® Langmatz® EK508, clear dimensions: 800 x 1165 mm



online shop



Langmatz 



Optical distribution cabinets

Made of high quality polycarbonate, especially weather resistant and well recyclable, the Langmatz fibre optic network distributors are perfectly designed for Gigabit Passive Optical Network (GPON) and Point to Point-Ethernet (PtP) fibre optic access networks.

- NVT 168 (168 outlets / max. 3168 splices)
- NVT 96 (96 outlets / max. 1728 splices)
- NVT 48 (48 outlets / max. 864 splices)
- NVT 24 (24 outlets / max. 432 splices)



online shop

FTTx-civil engineering – Products



Fibre optic closures FOCUS ODC2

Mechanical closures for up to 1008 fibre optic splice connections for easy and fast connection of fibre optic cables. The assembly requires no special tools. Modular splice-cassettes and sealing systems provide maximum flexibility.



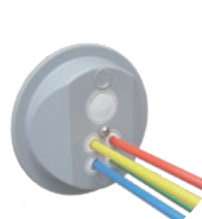
online shop

Building entry for fibre optic cables

Whether the building has a basement or not, whether installation is above or below ground; Faber's product range offers comprehensive solutions.



online shop



online shop



Customer premise entry

The Faber APL product series meets all requirements for an attractive design and extreme robustness. Pre-assembled boxes with splice-ready adapters and pigtails (4 – 48 fibres) minimize the installation effort on site.

ODF splice boxes – 96 fibres – LC/APC (19")

The Faber ODF splice box, equipped with 48 duplex LC/APC adapters and 96 LC/APC singlemode pigtails, terminates a total of 96 fibres (LC/APC) on one rack unit (U). The front panel can be folded down and the adapters are angled. With a drawer that can be swiveled to the right or left, quick and easy assembly is ensured.



online shop



online shop



Locating, measuring and splicing technology

- TEMPO Omnimarker and Markerlocator TEMPO™ EML-100 MARKER MATE
- Fusion Splicer – Precision Core Alignment Optical Fusion Splicer
- Multifunctional platform with optical time domain reflectometer NETPEPPERS Fibre 1000 Pro OTDR
- Launch fibre for OTDR measurement NetPeppers® FUTURA

Additional accessories such as splice protection, fibre optic patch cables, Installation and cleaning material can also be found at:

shop.faberkabel.de/en

Earthing and telecommunication cables for your network

EARTHING CABLE

Copper rope

Cu bare, soft annealed



APPLICATION: Annealed cables are used for earthing purposes in electrical installations. They have a mathematical tensile strength of 200 N/mm².

Copper rope

Cu tinned, soft annealed



APPLICATION: Annealed cables are used for earthing purposes in electrical installations. They have a mathematical tensile strength of 200 N/mm².

Copper rope

Earthing conductor ESUY



APPLICATION: Earthing cable with braided fine-wire conductor core for use in portable earthing and short circuit-devices, particularly for repair work on high-voltage systems for the safety of technical personnel.

Aluminium rope

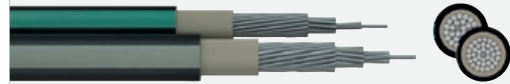
AAC (AL1)



APPLICATION: Bare overhead line made of the material EN AW 1350. The current carrying capacity is based on: up to 60 Hz at maximum permissible cable temperature: 80 °C, ambient temperature: 35 °C, solar radiation: 900 W/m², wind speed: from 0.6 m/s.

Power cable

(N)AStYY 0,6/1kV



APPLICATION: Aluminium railway grounding conductors for short-circuit-proof ground connection and equipotential bonding. For fixed installation indoors, outdoors, in the ground, in water and in concrete.

TELECOMMUNICATION CABLES

Subscriber line cable

A-2Y(L)2Y St III Bd



APPLICATION: Outdoor telecommunications cable for laying outdoors, in the ground, in water and in concrete. The robust PE sheath also enables direct burial. When used indoors, additional fire protection measures may be required due to the non-flame-retardant PE sheath.

Subscriber line cable

A-2YF(L)2Y St III Bd



APPLICATION: Outdoor telecommunications cable for laying outdoors, in the ground, in water and in concrete. The robust PE sheath also enables direct burial. When used indoors, additional fire protection measures may be required due to the non-flame-retardant PE sheath.

Subscriber line cables - outdoor

A-2YF(L)2YB2Y ... St III Bd



APPLICATION: Outdoor telecommunications cable for laying outdoors, in the ground, in water and in concrete. The robust PE sheath also enables direct burial. When used indoors, additional fire protection measures may be required due to the non-flame-retardant PE sheath.

Cooperation

Cable bridges

BECKER & HÜSER assembles medium-voltage cables and flexible single and 3-core cables for energy suppliers, substations, PV and geothermal systems as well as mobile transformer stations in heavy industry.

We supply all standard cable accessories (Tyco RSTI, Euromold, NKT) at short notice and have Europe's largest cable warehouse for medium-voltage cables and cable accessories:

- Medium-voltage cables (1- and 3-core) up to 1,000 mm² / 30 kV, available from Lager
- Flexible cables from 6/10 kV to 26/45 kV, available from stock (some without minimum order quantity)

For recurring requirements, we offer framework agreements with stockpiling. Please contact us!



BECKER & HÜSER GmbH



www.kabelreparatur.eu

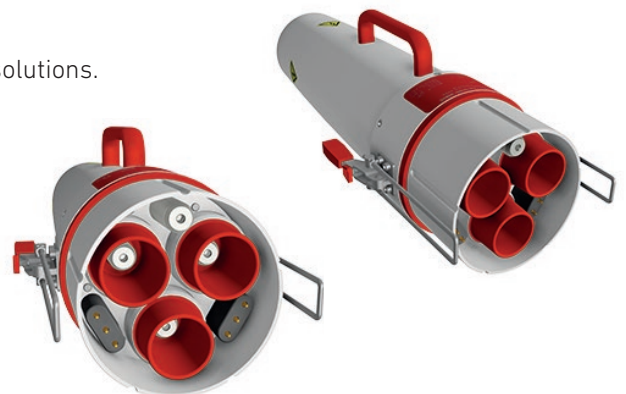
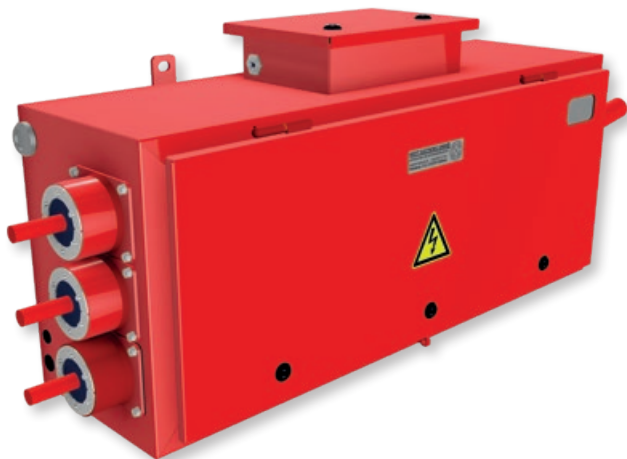
Cooperation

Connection solutions

KROTT ELECTRONIC develops and manufactures mobile connector systems and connection units up to 24 kV - especially for applications in heavy industry.

As a master distributor, we at Faber support our customers' projects from the initial planning to the complete ready-to-connect solution - including delivery directly to the construction site. Whether it's a substation, geothermal plant or floating PV project, we offer comprehensive support.

True to the motto: 'Systems for an energised world' – our aim is to strengthen your projects with well thought-out overall solutions.



KROTT ELECTRONIC GMBH®

ENTWICKLUNGS- UND VERTRIEBSGESELLSCHAFT
DEVELOPMENT AND SALES COMPANY

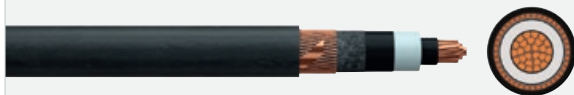


www.krott-electronic.de

Medium-voltage cable for more safety

HALOGEN-FREE

Medium voltage cable N2XSH



CROSS SECTIONS: 35 to 240 mm²

APPLICATION: For laying indoors and in cable ducts for power station, industrial and distribution networks.

Our halogen-free medium-voltage cables are very popular: They offer maximum safety, especially in sensitive areas with high fire protection requirements.

On request, we can also supply you with the halogen-free variants **N2XS(F)H** and **N2XSEH**, which are characterised by their reliable behaviour in the event of fire and their environmental friendliness.

Contact us – we will be happy to advise you!

Flexible solutions

High-voltage cable for your energy project

Our high-voltage cables up to **110 kV** offer reliable performance for demanding applications – even **in short project lengths**. These items are currently available as project items and naturally comply with the applicable standards.

We offer the right solution for your project.





Systems for an energized world

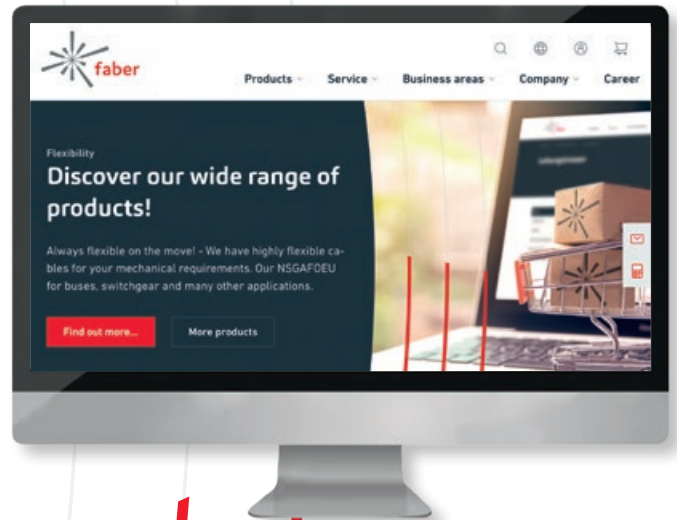
Faber-B2B-Webshop!

- more extensive product portfolio with all new products at a glance
- live stock and price check
- online document archive
- cable calculator
- and many other benefits:
 - drum availability notification online
 - discounted overview of remaining lengths
 - Excel order list upload

Connect your ERP system directly over the **Open Catalog Interface (OCI)**!



You can also visit us on our YouTube channel!



SCAN ME!



Broad product portfolio for many areas of application

Not found what you were looking for?

We offer innovative cable products and system solutions for industrial applications, infrastructure projects, construction projects and telecommunications - we are very familiar with the special features and requirements of the various business areas.

We offer our customers customised solutions in various business areas.

Take a look at our other **brochures and flyers** on the business areas and sectors:

brochures



We look forward to hearing from you.





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