



Driven by nature, energy for the future

Renewable energies

Faber

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. On a project basis, we are also able to provide preassembled ropes and optical fibre cables specifically for cranes and hoists.

Sustainable energy – anytime, anywhere

Eco-friendly energy supply solutions

Renewable energy such as solar, wind and hydroelectric power help us to lay the foundations for a sustainable world. These eco-friendly technologies help to combat climate change and are a genuine alternative to fossil fuels. Discover our wide range of photovoltaic solutions – tailored to projects of any size.



Your experts

Pioneering photovoltaic solutions – versatile and efficient

In a world where demand for energy is growing constantly, renewable and sustainable solar power is increasingly gaining in importance. Team up with Faber to implement photovoltaic systems of any size – thanks to our extensive range of high-quality cables, wires and components. We guarantee you not only the perfect selection of system components for maximum safety and for the durability of your systems, but also first-class products and services. Place your trust in solar cables that withstand even extreme requirements – for a futureproof energy supply.

Reliable power supply for construction sites, event locations and modular building systems

Compact power thanks to mobile solar power systems – anytime, anywhere

Discover the future of energy supply with our mobile solar power generators. Thanks to their outstanding user-friendliness, our systems are ideal for temporary use: simply unpack, connect and get started straight away. All courtesy of the plug-and-operate-principle. Place your trust in Made in Germany quality: our robust, compact and powerful solar installations use state-of-the-art technology and sustainable materials. Enjoy zero-emission energy whenever and wherever you need it.

SCAN ME!



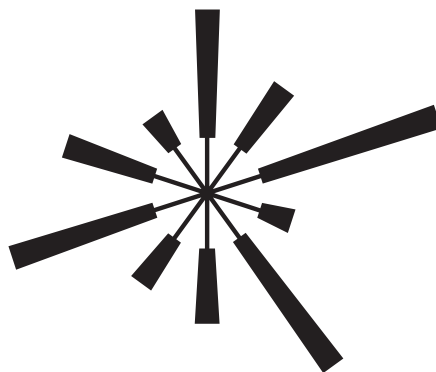
Stronger Together for Sustainable Energy

In an era where renewable energy plays a central role in shaping a sustainable future, reliable partnerships are the key to success. We rely on collaboration with experienced and established partners who impress not only with stability and consistency, but also with the highest quality and technological innovation.

Our cooperative partners are renowned companies that have been successful in the market for many years. They share our vision of a green future and make a significant contribution to the energy transition through the development of high-quality photovoltaic components.

Together, we create solutions that combine durability, efficiency, and environmental friendliness – for our customers, for the environment, and for future generations.

Together, we are sustainably shaping the energy supply of the future.



Products in the field of renewable energy

Solar cable

FABER® SolarPlus H1Z2Z2-K - also in black, red and blue



APPLICATION: Cross sections: 4 – 240 qmm

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 08 as per HD 516. Please note the applicable installation instructions on our website.

Power cable

NYJ-J/-O/-JZ/-OZ – also available in aluminium



APPLICATION: In Faber's range of cables, you can find NYJ-J cables and NYJ-O cables by the metre. The NYJ power cables are used as underground cables for power distribution in a wide range of applications. Depending on the application, underground cables are available in different models with one to five cores and a conductor cross-section of 1.5 mm² to 800 mm².

Medium voltage cable

N2XS(F)2Y – also available in aluminium



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.

Power cable

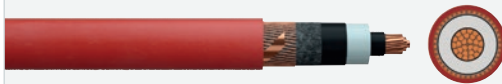
NYCWY – also available in aluminium



APPLICATION: The NYCWY cable is a low voltage cable. It belongs to the group of underground cables and is suitable for installation indoors, underground, in water and in concrete.

Medium voltage cable

N2XSY – also available in aluminium



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 make installation easy, even on difficult routes. According to VDE 027

Rubber cable

NSSHÖU



APPLICATION: Designed to withstand high mechanical stress. For the connection of heavy duty underground mining, industrial and construction equipment, in dry and damp areas and outdoors. The cable is largely flame- and oil-resistant.

LAN-cable

FABER® dataline 1000 outdoor



APPLICATION: For the connection of IT system units in the desktop area (tertiary sector), e.g. between floor distributors and workstation up to 1000 Mbit/s (category 7+). It fully complies with the electromagnetic compatibility requirements (EMC) of European Standard EN 55022 and the guidelines of the European Postal Administration. Furthermore, the copper braiding ensures perfect matching with screened connectors.

Optical fibre cable - standard - outdoor

A-DQ(ZN)B2Y



APPLICATION: Outdoor cable for universal use.

Please also note our data sheets at: shop.faberkabel.de/en

FRNC control cable

HSLH-JZ/-OZ/-JB



APPLICATION: Halogen-free and LSOH control cable for multiple purposes in control and measurement circuits indoors. The cable is to a large extent resistant to oil and grease.

Control cable

YSLY-JZ/-JB/-OZ/-OB



APPLICATION: YSLY-JZ belongs to the family of control cables and electronic cables and is suitable for various industrial environments. The fine-stranded wires of the type YSLY ensure smooth data and power transmission.

Steel wire braided control cable

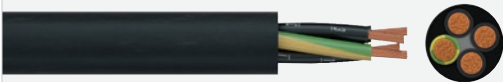
YSLYSY-JZ/-OZ



APPLICATION: Steel wire-reinforced, universal measurement and control cable in mechanical and plant engineering indoors. The cable is largely oil-resistant. Not suitable for constant motion.

Control cable

YSLY 600



APPLICATION: Flexible power, process control and instrumentation cable for industry, machinery and outdoor environment. The cable is resistant to UV-irradiation, to most commonly used chemicals and to oil and grease. Not suitable for constant motion.

Control cable

YSLYCY-JZ/-OZ



APPLICATION: Universally applicable: Flexible power, process control and instrumentation cable for industry and machinery environment with increased electromagnetic compatibility requirements for indoor applications. For installation in dry and damp rooms. The cable is oil-resistant.

PVC single-core cable

H07V-K



APPLICATION: For laying in pipes on top of or under plaster and in closed installation ducts and for internal wiring of machinery, switch-gear and distributor systems. The cable is not suitable for direct laying under plaster.

Halogen-free sheath cable

NHXMH-J/-O



APPLICATION: Low-smoke, zero-halogen, flame-retardant building wire, for installation on and under plaster in dry and wet rooms, as well as in concrete (except for shaken, jolted, tamped concrete). For indoor use only, primarily in buildings with a high concentration of people and material assets.

Sheathed wire

NYM-J/-O



APPLICATION: NYM cables and wires are the most common sheathed cables. They are used as building wires in electrical installations. NYM cables with PVC sheath are universal and versatile and can therefore be used in many areas of application.

More than cables



Stäubli MC4 Evo 2 plugs and socket



Original components from the MC4-Evo 2 series are extremely powerful, even in a harsh working environment. The system is also characterised by its first-class ratings, including:

- Approval for DC 1500 V (TÜV/UL/JET)
- Maximum current output 69 A
- Resistant to ammonia and salt spray fog resistance

EMC Cable ties HPER-Cable ties PA6,6



- 365 x 7.5 mm or 290 x 4.8 mm
- -40 °C to 85 °C (short-term 110 °C)
- 10 years guarantee
- 5,000 pieces per carton
- Black

EMC crimping tool TF PLUS



- all-in-one crimping tool
 - with „Easy Change“ - quick locking
 - one pair of pliers for many crimping applications
 - preset, optimum manual force
 - precise processing in industrial quality
 - safe and ergonomic handling
- Matt chrome-plated tool frame, 2-component handles, length: 248 mm, weight: 550 g

shop.faberkabel.de/en

Solar storage for photovoltaic systems: More independence and efficiency

- ✓ **Increased energy independence**
With a battery storage unit, your customers can use their own self-generated energy whenever they need it. This reduces their dependence on rising electricity prices and energy suppliers.
- ✓ **Optimal use of the photovoltaic system**
A battery storage unit ideally complements the PV system by storing surplus solar energy and making it available even after sunset. This maximises self-consumption and minimises the purchase of expensive grid power.
- ✓ **Cost savings through peak load reduction**
Load peaks can be effectively smoothed with a battery storage unit. This reduces network charges and protects against high additional costs when consumption spikes.
- ✓ **Greater sustainability**
The use of battery storage units improves the carbon footprint and enables your customers to position their companies as pioneers in the field of sustainability – a strong signal to customers and partners alike.
- ✓ **Secure power supply**
A battery storage unit protects against power outages and ensures that the company's critical processes are operational at all times.

Rely on future-proof technologies, reduce costs and boost your own competitiveness as you help your customers enhance theirs.



The flexible, mobile solar solution for container roofs

The SolarFrame® is the universal solution for applications at construction sites and temporary residential and office units: An innovative, ready-to-use solar power system that we developed specifically for container roofs:

- **Plug-and-operate-principle**

User-friendly, without configuration – easy to connect and use solar power without having to feed energy into the grid.

- **Efficient and economical**

Up to 24 frames can be transported on an articulated lorry.
Saves up to 2,580 kWh of electricity and 2.58 tonnes of CO₂ per year.

- **Sustainable and maintenance-free**

Reduces the energy consumption of air conditioning systems through lower heat generation. Long-lasting construction without operating costs.

- **All-around carefree package for solar energy**

We supply you with a turnkey solar energy system, perfectly customised to your needs - fully installed, ready for immediate use and seamlessly integrated into your power supply.

FABER SolarFrame® – efficient solar energy. Everywhere.



Sustainable energy – maximum flexibility.



Keyfacts

Electrical system	3-phase system	
Enclosure protection class	IP 65	
Feed-in control	dynamic / EEG-compliant	
Power connection	CEE 32 A 400 V In- / Output	
Nominal frequency (Hz)	50	
Monitoring	Performance data acquisition online / offline / WLAN	<ul style="list-style-type: none">■ interconnectable■ decentralized micro-inverter solution 1 inverter per module■ Crane loadable■ Custom colour (RAL classic)■ other dimensions available on request
Dimensions (mm)	6,060 x 2,440 x 212	
Total weight (kg)	450	
Top weight (kg)	5,000	
Stackable up to ISO 20ft dimension	12-fold	



WALTHER-WERKE
FORTSCHRITT SEIT 1897

Site power distributors for your mobile solar power system

Together with Walther-Werke, we build customised site power distributors that are specially designed for the simple connection of our mobile solar systems to the infrastructure of your construction site. Benefit from reliable and and flexible solutions to supply your construction site operations with energy sustainably and efficiently.

The foundation for your charging infrastructure – everything from a single source!

Our solution for your electric mobility

We supply all the components you need to build the foundation of your charging infrastructure. Whether for commercial or private applications – our products are the perfect base. All you have to do is place your charging station on top!

Our performance promise

- **Carefully coordinated components:** From foundations and junction boxes to wiring and distributor systems.
- **Highest Quality:** Durable and robust materials that withstand all weather conditions.
- **Simple & Efficient:** Minimal installation time, maximum reliability.

Your advantages at a glance

- **Time savings:** We provide everything in one package.
- **Cost savings:** No additional planning – everything perfectly coordinated.
- **Future-proof:** Our solutions meet all standards for modern charging infrastructures.

Data and control cable



FABER® dataline 1000 outdoor



A-DQ(ZN)B2Y

Accessories and protective components



Langmatz 

Plastic foundation
charging pole EK980

Main energy supply



N2XS(F)2Y - also available in aluminium



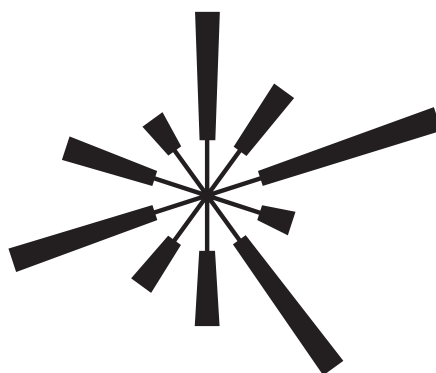
N2XSY - also available in aluminium



NYCWY - also available in aluminium



NSSHÖU



Supply line to the charging station



NYY - also available in aluminium



NHXMH halogen-free sheathed cable



FABER® SolarPlus H1Z2Z2-K



YSLYSY-JZ/-OZ

Potential equalisation



H07V-K

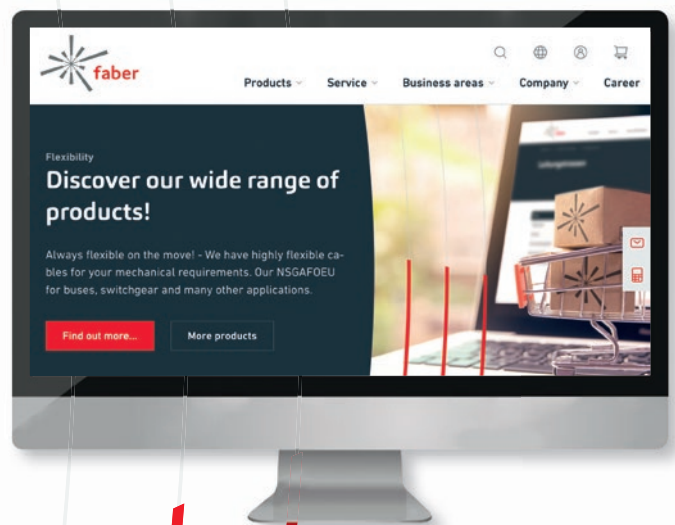
Faber-B2B-Webshop!

- 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!



Your contact

Frank Brücker

Head of Business Unit Photovoltaics

T +49 681 9711-173

M +49 171 8179022

FBruecker@faberkabel.de

Jonas Gothier

Sales | Key Account

T +49 681 9711-272

M +49 151 55486378

JGothier@faberkabel.de

André Debatin

Senior Technical Consultant

T +49 681 9711-172

M +49 171 9104048

ADebatin@faberkabel.de

Friederike Jacob

Senior Sales Consultant

T +49 681 9711-254

M +49 171 8999250

FJacob@faberkabel.de



Klaus Faber AG

Headquarters | Europaallee 33 | 66113 Saarbrücken | Germany

T +49 681 9711-0 | info@faberkabel.de

Get to know more: www.faberkabel.de/en