



Cables, connectors & junction boxes

Tunnel & Infrastructure

E N

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. You too can rely on Faber as a strong partner for supplies during tunnel work.

Cables for the tunnel shell and the infrastructure

System solutions for tunnel construction

Klaus Faber AG provides you with cables and connectivity solutions for construction site power distribution, temporary cabling for large equipment and tunnel cables for the infrastructure.



Your industry experts

Faber 'Tunnel construction' task force – specialists for your tunnel construction project

From cables and connectivity solutions for construction site power distribution, temporary cabling for your large equipment such as conveyor belts and tunnel boring machines to tunnel cables for the infrastructure – we supply you with everything from a single source as a turnkey solution on the construction site and support you throughout the entire project. Regardless of whether your project involves modernisation or starting from scratch.

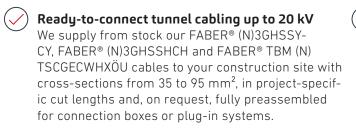
Applications under the spotlight

Flexible tunnel construction solutions

From construction site power distribution to ready-to-connect custom trailing cables for tunnel construction – our tunnel cables reliably meet your needs.

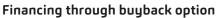


Construction site equipment and portal opening Right from the project start, we support you and supply from stock to your construction site all the common cables such as H07RN-F, NSSHÖU, H07BQ-F or our new flexible Class 5 aluminium cable 07BN4-AF, depending on project requirements.





Reeling wires for tunnelling and shotcrete machinery To meet your ongoing repair requirements, we supply from stock our FABER® Reelingflex, with compatible cross-sections between 35 and 240 mm² for your drilling and shotcrete machineries.



Due to the durability of the semi-fixed tunnel cables FABER® (N)3GHSSYCY and FABER® (N)3GHSSHCH, we offer tailor-made buyback options for your major project. This ensures you have calculable planning reliability from start to finish. For more information get in direct contact with us.

Faber

Tunnel construction cables (low voltage)

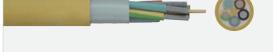


APPLICATION: Cables of the type H07RN-F are flexible rubber cables, which are used as connection cables and control cables. Faber offers you H07RN-F cables in different models, which you can order by the metre for a wide range of applications.

PUR cable H07BQ-F

APPLICATION: The polyurethane wire H07BQ-F excels in a particularly high level of oil resistance, abrasion resistance and notch toughness. This is why it is also used as an industrial cable and construction site cable in the most challenging ambient conditions.

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.

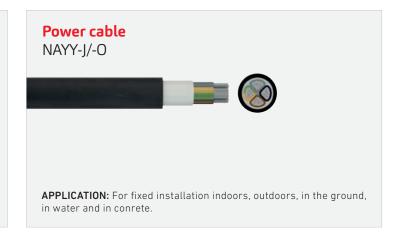
EMV connecting cable 2YSL(St)CYv



APPLICATION: This cable was specifically developed for the EMC-compliant connection of frequency converters. For uses with medium mechanical strain with permanent installation and occasional motion indoors and outdoors, but not in the ground. The version with the three-stranded protective conductor is thinner, lighter and distinguished by improved EMC-properties. The cable is largely oil-resistant.

Aluminium rubber cable 07BN4-AF

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 aplliances. Also suitable for application in wind power generators at medium mechanical stress. A Dekra certificate are available on request.





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. For applications with specific requirements to EMC



APPLICATION: Halogen-free and flame-retardant cable connecting motors to inverse rectifiers under consideration of EMC-requirements. It may be used under medium mechanical stress for fixed installations and temporary movement. Suitable for indoor and outdoor installation as well as for direct ground burial.

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Tunnel construction cables (low and medium voltage)



Tunnel infrastructure cables (fixed installation)

FRNC power cable (N)HXH FE180/E90



APPLICATION: For installation in dry and wet rooms, also for direct bedding in concrete, but not for direct burial in ground and not for use in water. The cable has improved flame retardant and may be used in public buildings with high safety requirements. This cables are halogen free, low smoke density and are fire resistant according to VDE 0472 part 814 (180 min.). Furthermore the cable passed the test of 90 min. circuit integrity according to DIN 4102 part 12 (E90).

Medium voltage cable N2XSY



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 0276-603 cables must be protected from sunlight.

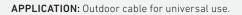
Power cable NYY-J/-O

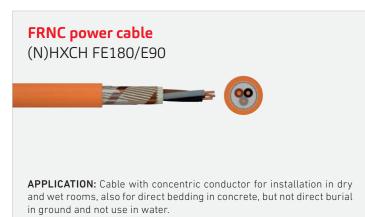


APPLICATION: In Faber's range of cables, you can find NYY-J cables and NYY-O cables by the metre. The NYY power cables are used as underground cables for power distribution in a wide range of applications. Depending on the application, underground cables are available in different models with one to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

Optical fibre cables - standard - outdoor A-DQ(ZN)B2Y 3,0 kN







FRNC power cable (halogen free) (N)2XH-J/-O (B2ca)



APPLICATION: Low-smoke, zero-halogen, flame-retardant power cable. For fixed indoor installation as well as in concrete, but not for direct burial in ground or application in water.



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.



Cooperation

Connectors. Couplings. Junction boxes.

Faber serves since 1950 with its customer-oriented logistics and services, a wide range of products, high product availability and the technical know-how a great variety of different market sectors. And even for customized solutions Faber is the right partner to contact.

With the expansion of the "Tunneling" division, we can offer our strengths as detailed above in combination with our technical expertise in a market sector where the short-term availability of cables and wires and fast response times are indispensable.

KROTT ELECTRONIC develops, produces and supplies customized plug-coupling systems and connection housings up to 24 kV for the mobile connection of tunnel boring machines and large-scale equipment in the traffic and utility sector made in Germany. In various European projects, Faber is increasingly relying on the SMV-24 connector system and the G-MV connection housing series in order to live up to its reputation as a system supplier - true to the motto "your turnkey solution provider - we energize your tunneling construction site.



KROTTELECTRONIC GMBH[®]



ENTWICKLUNGS- UND VERTRIEBSGESELLSCHAFT DEVELOPMENT AND SALES COMPANY Cooperation Assembly. Repair. Installation.

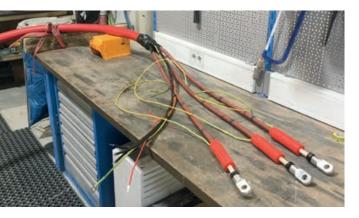
BECKER & HÜSER assembles cables in the low and medium voltage range and hybrid cables with power, control and FO supply for a huge range of different applications on order. From ropes for gravel quarries via floating dredger applications through to reelable systems in a great variety of crane applications – together with our partner, we will always find the perfect solution for your requirements here at Faber.

Thanks to the additional cooperation between Becker & Hüser and KROTT Electronic, we are also able to design customized hybrid connector system solutions for you to order.

If defective external supply cables bring a crane to a standstill, the bills can be huge. Thanks to the many years of experience and always perfectly trained team of our cooperation partner, Becker & Hüser in Sonsbeck, we can offer you a 24/7 emergency service, which is also available on-site around the world if push comes to shove.

A trained service and installation team is always available to you to support you locally in the installation of new low- and medium-voltage equipment.

Further information: www.kabelreparatur.eu







BECKER&HÜSER®





The best advertising is done by satisfied customers. We view the business through the eyes of the client, and base our actions on this principle. Which is why we always take care of our clients and unfailingly pursue the aim of consistently providing the best service. We want our clients to be successful. That is the key to our success and also the reason why companies remain loyal to us. These and many other clients place their trust in Faber.





HEIDELBERGCEMENT





Fortschritt baut man aus Ideen.



Construction Swiss GmbH







Further information about our references can be found here:

Faber Construction electricity equipment





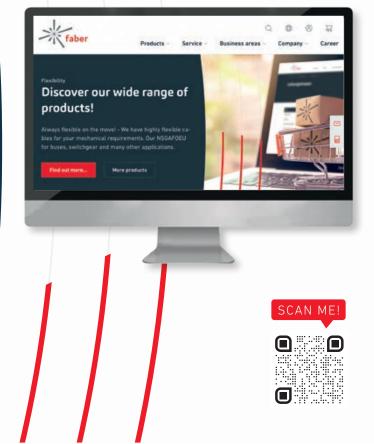
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You can also visit us on our YouTube channel!



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

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