

A WHOLE UNIVERSE OF CABLES



WE'VE GOT WHAT YOU'RE LOOKING FOR

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Medium voltage cables

N2XSY, NA2XSY

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 cables make installation easy, even on difficult routes.

N2XS(F)2Y, NA2XS(F)L2Y

For installation in the ground, in water, outdoors, indoors and in cable ducts for power stations, industrial applications and distribution networks.

Bitflex® DC (N)TMCGCWÖU UL

Flexible medium voltage cable for use in offshore power systems, particularly in slow-running energy chains, drum applications, or for supplying power to large electrical systems and drives through energy management systems. The cable can be used in locations where it is completely submerged in water and permanently subjected to a pressure of more than 1 bar up to a maximum of 10 bar (Protection Class ADB).

FABER® Dredging cable /3E

Flexible medium voltage cable for permanent use in water, at depths of up to 200 m, for example connecting dredgers, floating docks, pumps and open-cast mines.

FABER® (N)3GHSSYCY 12/20 kV FABER® (N)3GHSSCH 12/20 kV

Power supply cables for connecting mobile medium-voltage devices in mines and tunnelling.



G-MV36-86ZGA/G-MV36-86ZG1A

With the G-MV-series enclosures, connection enclosures are available to accommodate interior end closures, external cone connectors and for accommodating the S-MV connector system receptacle in a robust and compact design. In addition, G-MV- enables rational assembly outside the enclosure.

Low Voltage Cables

NYJ-J/-O

The NYJ power cables are used as underground cables for power distribution in a wide range of applications.

NAYY-J/-O

For fixed installation indoors, outdoors, in the ground, in water and in concrete.

NYCY/NYCWY, NAYCWY

Power distribution cables for fixed installation indoors, outdoors, in the ground, in water and in concrete if subsequent damage is to be expected.

N2XH-J/-O, N2XCH

Halogen-free, low-smoke cable with improved behaviour in the event of fire. For fixed installation in dry and damp rooms, on and under plaster and outdoors, but not directly in the ground or in water.

Dauerbewegte Anwendung

PROTOLON XPRT LWL

Flexible reeling cable with integrated fibre optic wires, designed for high and extreme mechanical stresses, including torsional stress, deflection into different planes, and high reeling speeds. The cable is also resistant to seawater and is used in applications such as festoons, high-speed container cranes, crane systems and mobile large equipment.

TRATOSFLEX®-ESDB-FO

Medium voltage reeling cable for high speed, high pull and torsion resistance. As main application for us in monospiral drums and spreader application. The cables can be manufactured to order or project-specific with E9/125, 50/125 or 62.5/125 fibres or their various combinations.

FABER® TBM H (N)TSCGECWHXÖU

Flexible cable for use on tunnel boring machines (TBM) or for tunnelling applications in general.

CORDAFLEX SMRT (N)SHTÖU

Flexible reeling low voltage cable for applications and environmental conditions with high stresses. The cables are available with either singlemode E9/125µ or multimode 50/125µ and 62.5/125µ.

SPREADERFLEX BSKT XPRT

As supply cable for heavy mechanical load in vertically basket operation, indoors and outdoors. The cable is resistant to ozone, UV-rays and dampness. Suspension lengths of up to 50 m are possible.

FESTOONFLEX PUR HF FESTOONFLEX C-PUR HF

Power and control cables for very high mechanical loads, high operational bending frequencies, especially for use on cable trolleys, drag chains and on moving parts of machine tools, conveyor systems, etc. in dry, damp and wet rooms as well as outdoors. The cables are suitable for permanent use in water (not drinking water) up to a depth of 50 metres.

NGFLGÖU, (N)GFLCGÖU

Connection of moving parts of machine tools, conveyor systems and large scale civil engineering operations. For applications in mining and milling sites, construction plants, in-dusty etc. The cable can also be used as a trailing cable. Especially designed as reeling cable on drill & blast and concrete spraying machines.

BiTcrane® (N)3GRD5G-J/O

Power and control cable for high mechanical requirements, frequently bendings in only one direction, especially for use in trolley systems, drag chains on moving parts of machines, conveyor facilities. Suitable for dry, humid and wet rooms and for outdoor use.

TROMMELFLEX PUR-HF

As connection and reelable control cable in lifting devices, hoisting plants and transporting machines for heavy mechanical load. The cable is resistant to oils. Due to the good UV- and damp-resistance the cable can be used indoors, outdoors and in water up to 50 m depth of water.

FABER® Reelingflex Premium

Reeling cables are designed for power supply connections to all types of mobile equipment and vehicles used in quarrying, open-cast and underground mining and other large-scale civil engineering operations. For applications in mining and milling sites, construction plants, in-dusty etc. The cable can also be used as a trailing cable. Especially designed as reeling cable on drill & blast and concrete spraying machines.

SPREADERFLEX REEL XPRT

As a reeling connection cable for high and very high mechanical loads. Can also be used within the scope of DIN VDE 0168 and 0118: Surface and underground mining.

Control and electronic cables

YSLY-JZ, YSLCY-JZ

Universally applicable measuring, monitoring and control cables in mechanical engineering and indoor plant engineering. The cables are largely oil-resistant.

YSLY-JZ 600

Universally applicable, UV-resistant measuring, monitoring and control cables in mechanical engineering and plant engineering. For installation in dry and damp rooms as well as outdoors. The cable is largely oil-resistant.

YSLCY-JZ 600

Universally applicable, UV-resistant measuring, control, connection and control cable for mechanical engineering and systems engineering with increased requirements for interference immunity of signal transmission (EMC). For installation in dry and damp rooms as well as outdoors. The cable is largely oil-resistant.

HSLH-JZ

Halogen-free and flame-retardant measuring, monitoring and control cable for indoor use in mechanical engineering and plant engineering. The cable is largely oil-resistant.

HSLCH-JZ

Universally applicable, halogen-free measuring, monitoring, connection and control cable in mechanical engineering and systems engineering with increased requirements for interference immunity of signal transmission (EMC). For indoor use. The cable is largely oil-resistant.

HSLH-JZ 600

Universally applicable, halogen-free measuring, monitoring, connection and control cable for mechanical engineering and systems engineering with increased requirements for interference immunity of signal transmission (EMC). For indoor use. The cable is largely oil-resistant.

HSLCH-JZ 600

Universally applicable, halogen-free measuring, monitoring, connection and control cable for mechanical engineering and systems engineering with increased requirements for interference immunity of signal transmission (EMC). For indoor use. The cable is largely oil-resistant.

H03VV-F

For the connection of small electrical appliances (table and standard lamps, kitchen appliances, domestic vacuum cleaners, office appliances, radios etc.) at low mechanical stress in household, kitchen and office. Not for the connection of cooking and heating appliances or commercial electric tools. Not for outdoor use, in agricultural or commercial businesses.

H05VV5-F

Flexible power, process control and instrumentation cable for industry and machinery environment for indoor applications. The cable is resistant to most commonly used chemicals, oil and grease.

LIYCY

Interference-free transmission of signals in the mA range in electronics, computer systems, control and regulation systems, office machines, etc.

LIHCH

Halogen-free data cable for interference-free transmission of signals in the mA range in electronics, computer systems, control and regulation systems, office machines, etc.

FABER® Lift-2S Plus

Connection for control bulbs (pendant control) or as a self-supporting switching cable for heights up to 80 m. For indoor and outdoor use.

Data cables

FABER® DATALINE 1000, FABER® DATALINE 1000 outdoor

Optimised 100 Ohm LAN cables for structured cabling systems in accordance with EN 50 173 up to 1000 MHz.

LWL STD A-DQ(ZN)B2Y (Z)

Outdoor cable for universal use.

LWL STD A-DQ(ZN) 2Y(SR)2Y nx12 G.652D

Outdoor cable with metallic rodent protection for universal use.

LWL MINI A-DQ2Y 24x12 G.657A1, LWL Micro A-DQ2Y nx12 G.657A1 200 µ

Mini cable for blowing into microducts.

EPFU Fiber Unit 1xn G.657A1

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

Cable assemblies

Fibre optic patch cable

Pre-assembled single-mode patch cables for use in environments with the highest demands (data centres, FTTH networks, LAN applications, industry).



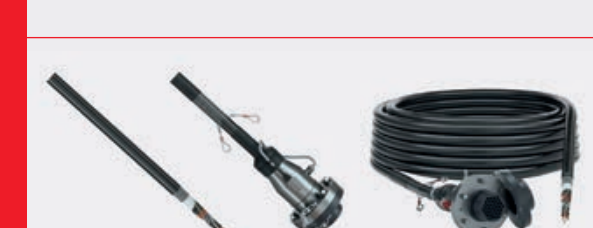
CORDAFLEX(SMK)-V-S (assembled on both sides ODU/Harting)

Vertical spreader cable for Gottwald MHC. Plug-in compatible with standard flange connectors on the market. (Specific lengths: 85, 100, 105, 127 m).



CORDAFLEX(SMK)-V-S (assembled on both sides ODU/Harting)

Vertical spreader cable for Gottwald MHC. (Specific lengths: 85, 100, 105, 127 m).



SPREADERFLEX XTRM (N)SHT11Y (pre-assembled ODU)

Vertical spreader cable for Liebherr mobile harbour cranes. (Specific lengths: 90, 95, 100, 110, 130 m).



K-TRATOSLIGHT-VR® (assembled on both sides ODU/Harting)

Vertical spreader cable for Gottwald MHC. (Specific lengths: 85, 100, 105, 127 m).



CEE extension

CEE connection and extension cable 16A H07RN-F 502.5 mm² for tools, equipment and machines on construction sites, event technology in dry and damp rooms and outdoors. The cable is oil, UV and ozone resistant and splash-proof to IP64. The mentioned Ampacity requires a maximum ambient temperature of 30 °C. For higher temperatures you have to calculate with reduction factors. Each extension is delivered with a test label and separate test report according to the currently valid DGVV regulations.

Flexible wires

H07RN-F

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.

07BN4-AF

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 is available on request.

TRIFLEX Plus H07RN-F LSOH

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.

H12222-K

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. Please note the applicable installation instructions on our website.

H07BQ-F

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.

NSSHÖU

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.

H01N2-D

In dry, damp and wet rooms as welding cable for machine or hand operation.

Submersible pump cable (TML)

As connection cable for submersible electric motors (pumps) for the permanent use in potable water up to temperature of 80 °C and to a depth of 800 m. The cable is resistant to domestic and saltwater. It is suitable use in dry, damp and wet rooms with medium mechanical stress.

2XSL(S)CHv DB

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.

NYM-J/-O, NHXMJ-J/-O B2ca

Installation lines in dry, damp and wet rooms, in, on and under plaster. Also for outdoor use if protected from direct sunlight.

Power cables with circuit integrity E30/E90

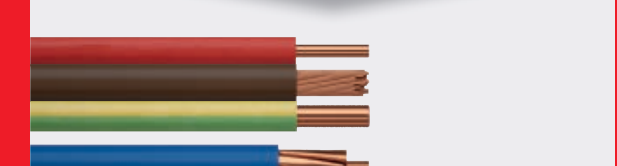
(N)HXH FE 180 E30/E90, (N)HXCH FE 180 E30/E90

The cables are halogen-free, have low smoke gas development, no fire propagation and an insulation integrity in the event of fire of 180 minutes in accordance with VDE 0472 T. 814, EN 50200 and EN 50362. In addition, the cables have passed the test for functional integrity in accordance with DIN 4102 Part 12 with classification E30/E90 for all standard support systems (cable trays and conductors, ceiling installation).

JE-H(S)H FE180 E30, JE-H(S)H FE180 E90

For signal transmission in measurement, control, data and regulation technology systems and as installation cables in rooms at risk of fire with a high concentration of people or material assets, for the installation of cable systems with integrated functional integrity in accordance with DIN 4102 T. 12.

Core cables



H05V-U/-K, H07V-U/-R/-K

For laying in conduits on and under plaster as well as in closed installation ducts and for the internal wiring of internal wiring of devices, switching and distribution systems. The cables are not suitable for direct installation under plaster.

H05/07-Z-K, SiF

For laying in conduits on and under plaster as well as in closed installation ducts and for the internal wiring of internal wiring of devices, switching and distribution systems in buildings with a high concentration of people and/or property as well as in means of transport.

NSGAFOU, NSHXAFO

The NSGAFOU rubber conductor cable is a true all-rounder: in addition to its standard-compliant use in buses and rail vehicles, it is often used as a connecting cable in switchgear. The special rubber core cable is also used in other dry areas.

Earthing and equipotential bonding

Copper conductors

Soft-annealed ropes are used for earthing purposes in electrical system construction. They have a calculated tensile strength of 200 N/mm². Hard-drawn conductors are mainly used as overhead lines. Their calculated tensile strength is 400 N/mm².

Aluminium rope

Bare overhead line made of the material EN AW 1350 (E-AL 99.5). The current carrying capacity in air of 340 A (60 Hz) is based on an ambient temperature of 35 °C and a wind speed of 0.6 m/s.

Bus cables

Profibus, Profibus PA

Profibus is an internationally standardised fieldbus standard for universal use in manufacturing and process automation. For fixed installation indoors.

CAN-Bus

CAN bus cables are used in the field of automation technology for networking controllers and control units in accordance with ISO 11898.

EIB/KNX

Due to the increased test voltage and the special marking the cable is designed as bus cable in the EIB/KNX facility control system according to EN 50090. For the Instabus (self) is used only the red/black pair (transmission of 24 V supply voltage plus data packages), the second pair (white/yellow) is redundant. The cable may be installed on or under plaster, in ducts and installation channels in dry or wet rooms.

Telecommunications installation cables

J-Y(S)Y

Preferably for telecommunication installations inside buildings in dry and humid rooms, but also for permanent installation at external walls if protected from sunlight. These cables are not approved for high-voltage applications.

J-H(S)H

Halogen-free installation cable for telephone and signalling transmission inside buildings, in dry and damp rooms and for fixed installation on buildings. Primarily in buildings with a high concentration of people and property.

J-2Y(S)Y, J-2Y(S)H

For the transmission of analogue and digital signals up to 16 Mbit/s in EDP system units, ISO/ private branch exchanges, production data acquisition, industrial electronics and bus technology. For laying in dry and damp rooms on and under plaster.

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

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.

SCAN ME!

