

The versatile AFUMEX Plus 1000 is ideally suited for large industrial buildings, as the halogen-free, flame-retardant cable can either be installed outdoors, in the ground or in water-prone areas. AFUMEX-PLUS is PVC-free and thus contributes to the protection of the environment.



## AFUMEX-PLUS 1000: can be laid outdoors and in the ground

Starting from 1st February, FABER KABEL will offer a particularly versatile halogen-free cable in its portfolio - the AFUMEX-PLUS 1000. AFUMEX-PLUS 1000 is the first halogen-free cable on the German market, which can be used not only outdoors, but also in the ground and in a water-prone environment - the result of intensive development work on the cable jacket material. The cable jacket is characterised by extremely low water absorption. Thanks to its UV resistance, AFUMEX-PLUS 1000 can also be exposed to direct sunlight. The cable has the advantage, that it can replace other types, for example N2XY and NYY. This is why choosing AFUMEX-PLUS 1000 always comes with a logistical savings potential for warehousing. In addition, there is another advantage based on the higher conductor temperature of the cable: Compared to NYY, at equal current carrying capacity, a smaller conductor cross-section can be used, reducing the copper content.

### Halogen-free cables

Cables in accordance with DIN VDE 0276-604 provide protection in case of fire. AFUMEX-PLUS 1000 complies with the VDE standard and therefore releases no toxic gases in the case of fire. Escape routes remain passable for longer times due to the low smoke cable. The spreading of fire is also limited. In addition, AFUMEX-PLUS 1000 is also suitable for direct ground installation. The cable conforms to the IEC 60502 and is perfectly suitable for worldwide use.

### Suitable for large buildings

Due to their properties, AFUMEX-PLUS 1000 cables (N2XH and N2XCH) are used especially in buildings and plants with increased safety requirements for people and property, such as hospitals, power plants and underground areas. These cables solve the problem of transition between buildings, where the use of halogen-free flame retardant cables is required. There is no need for the installation of expensive sockets.



### Product properties:

- Can be laid outdoors
- Can be installed in the ground
- Can be installed in water-prone areas
- Increased safety in case of fire
- Cost savings
- UV-resistant, durable
- Complies with VDE standard 0276-604 and IEC 60502
- 7 percent higher current carrying capacity than PVC insulated cables (NYY)
- Flame retardant

## Our product range:

### Power cables

NYY-J, -JZ, -O, -OZ,  
NYCY, NYCWY,  
NAYY-J, -O, NAYCWY,  
(N)2XY-J, -O, NYFGY 0,6/1kV,  
(N)Y(Zg)2Y, (N)YYök-J

### Medium voltage cables

N2XSY, N2XS2Y, N2XS(F)2Y,  
NA2XSY, NA2XS2Y, NA2XS(F)2Y,  
N2XSEY, N2XS(FL)2Y, NA2XS(FL)2Y

### Installation wires

NYM-J, -O, (N)HXMH(St)-J,  
NHXMH-J, -O, (N)HXMH(St)-J,  
NYIF-J,  
H05V-K,-U, H07V-K, -U, -R,  
H03VV-F, H05VV-F, X03VH-H,  
H05RR-F, H05RN-F, H07RN-F,  
H07BN4-F, H07ZZ-F, H01N2-D,  
NSSHÖu-J, -O,  
NSGAFÖu/3E, NSHTÖu-J,  
TML-J, -O,  
FACAB Solar VE / PV1-F (TÜV),  
PV1-F for ground installation  
SiF, H05SJ-K, SiHF-J, -O, H05SS-F,  
SiHF/GLS-P,  
H05BQ-F, H07BQ-F, X07BQ-F

### Telecommunication cables and wires

J-YY, J-Y(St)Y,  
Fire signalisation cables,  
J-2Y(St)Y St III Bd, J-2Y(St)H St III Bd,  
J-H(St)H, J-H(St)H BMK,

A-2Y [F](L)2Y..., A-02YS(St)(Zg)2Y,  
RD-Y(St)Y..., RE-2Y(St)Yv, RE-2X(St)Yv,  
JE-Y(St)Y..., JE-LiYCY,  
JE-Y(St)Y[V][FR]

### Halogen-free cables and wires

N2XH-J, -O, N2XCH,  
AFUMEX-PLUS 1000,  
NHXH-J, -O E30, NHXCH E30,  
NHXH-J, -O E90, NHXCH E90,  
JE-H(St)H FE180/E30,  
JE-H(St)H FE180/E30 BMK,  
JE-H(St)H FE180/E30-E90,  
JE-H(St)H FE180/E30-E90 BMK

### Control and electronic cables

YSLY-JZ, -OZ, -JB, -OB,  
YSLYCY-JZ, -OZ, -JB,  
YSLCY-JZ, -OZ, YSLY-JZ 600, -OZ,  
YSLYCY-JZ 600, H05VV5-F,  
H05VVC4V5-K, HSLH-JZ, -OZ,  
HSLCH-JZ, -OZ, FACAB 100 P,  
FACAB 100 F-CP, LiYY, LiYCY,  
LiYCY/EB, Li2YCYv, Li2YCY PiMF,  
LiHCH

### Drag chain cables

FACAB EFK SC 12Y11Y,  
FACAB EFK SC 12YC11Y,  
FACAB EFK 300 P,  
FACAB EFK 300 CP,  
FACAB EFK 310 Y,  
FACAB EFK 310 CY,  
FACAB EFK SERVO-CP Siemens,  
FACAB EFK SERCO-CP Indramat,  
FACAB EFK Feedback-CP Siemens,  
FACAB EFK Feedback-CP Indramat,  
FACAB EFK Li9YC11Y

### Bus cables in different variants

EIB/KNX-Bus, Industrial Ethernet,  
Profibus, CAN-Bus, ASI-Bus cable, IBS  
Interbus cable

### Data - network cables

System-independent data cables:  
FACAB DATALINE

Fiber optical cables:  
I-V(ZN)H, I-D(ZN)H,  
A-DQ(ZN)2Y, A-DQ(ZN)B2Y  
Fiber quality: OS2, OM2, OM3

RG coaxial cable,  
Video cable,  
SAT cable A-2YOK2Y

### Special cables

Procurement and production of  
special cables and wires according to  
your wishes