



CABLES CONNECT

## Product overview | Cables | Wires

National and international  
approvals



### Our company | böhm Kabel

**böhm Kabel – Your cable competence in a world of connections.**

We are a medium-sized family-owned company based in Iserlohn (Germany) with a subsidiary in Zwingen (Switzerland). As a worldwide distributor of cables, we offer our customers a broad and varied product portfolio that meets national and international standards.

Our recipe for success? A mix of tradition and innovation. Our modern logistics centres, equipped with state-of-the-art high-bay platforms and cutting machinery, redefine the standard for innovative logistics in the digital age. Our focus is not only on the development and realisation of customer-specific logistics solutions, but also on our flexible service DNA.

That is just the beginning. We are driven by passion, not only to supply cables and wires, but also for taking responsibility and making a long-term positive impact: with care for the environment and the societies we interact with, and for our team, the source of our successes. Our vision: to continue improving and create lasting connections.

### Service worldwide | A partnership for your benefit

- Modern stock with an extensive range of cables and wires, stored in two logistics centres in Iserlohn
- Fast, reliable delivery & service worldwide
- Products & services from a single source
- Development, planning and realisation of your individual logistics concept
- Cutting every desired length, labeling
- Warehousing of your products
- Professional sales team with technical expertise
- We are your reliable and flexible partner, ensuring a close cooperation, fast solutions & short administrative paths

### Product portfolio | Cables & wires

- Cables for Bus systems
- Coaxial cables
- Copper | Alu | Bronze | Iron ropes
- Data cables
- Data cables LAN
- Drag chain cables
- Flat- and round cables for festoon systems
- Flexible control cables
- Halogen-free cables
- Heat-resistant cables
- Industrial electronic cables
- Industrial PVC cables
- Installation cables
- Loudspeaker cables
- Marine | Navy | Offshore | Ship-to-Shore cables
- Medium voltage cables
- Optical fibres
- Photovoltaic cables
- Power cables 0,6/1 kV
- PUR cables
- PVC wiring and core cables
- Railway earthing cables
- Reeling cables
- Round cables with supporting element
- Rubber-insulated cables
- Standardised flexible control cables
- Switching wires
- Telephone cables
- Trailing cables
- Vehicle cables

# Products | Portfolio

## Flexible control cables

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YSLY-JZ | number coded, flexible



YSLY-OZ | number coded, flexible



YSLY-JB | coloured cores, flexible



YSLY/EB-OZ | number coded, flexible, intrinsically safe, blue



YSLCY/EB-OZ | number coded, flexible, intrinsically safe, blue, EMC-suitable, Cu-screened



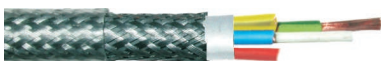
YSLYAY-JZ | number coded, flexible, steel wire braiding



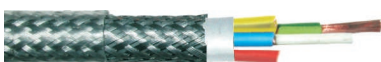
YSLCYJ-Z | flexible, EMC-suitable, Cu-screened



2YSLCY-J 0.6/1 kV | motor connection cable, flexible, EMC-suitable, Cu-screened



2XSL(ST)CH 0.6/1 kV | motor connection cable, flexible, halogen-free, EMC-suitable, Cu-screened



2YSLCYK-J 0.6/1 kV | motor connection cable, flexible, EMC-suitable, Cu-screened



2XSL(ST)CHK 0.6/1 kV | motor connection cable, flexible, halogen-free, EMC-suitable, Cu-screened



## Standardised flexible control cables

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H05VV5-F | VDE, HAR, number coded, flexible



H05VVC4V5-K | VDE, HAR, number coded, flexible, EMC-suitable, Cu-screened



## Drag chain cables

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SL-FYY | PVC number coded | coloured cores on request



SL-FYY-CY | PVC number coded | coloured cores on request, EMC-suitable, Cu-screened



böhmflex Chain PUR-HF UL/CSA number coded | coloured cores on request



böhmflex Chain C-PUR-HF UL/CSA number coded | coloured cores on request, EMC-suitable, Cu-screened



## CABLES CONNECT

### PUR cables

YSLYK | coloured cores or number coded, flexible, abrasion-resistant

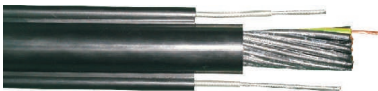


H05/H07BQ-F | VDE, HAR, coloured cores or number coded, flexible, abrasion-resistant



### Round cables with supporting element

LIFT 2TY | two external steel supporting elements



LYSLTK | YSLTK | YSLYTK | YSLYCYTK | lift control cables



KYSTY | KYSTYY | KYSTUY | KYSTFUY | KYSSTUY | KYSTCY | KYSTCUY | KYSTFCUY | PVC control cables with supporting element



YMHY-KT-OZ/JZ | PVC control cables with supporting element



STN | STCN | neoprene control cables with supporting element



### Photovoltaic cables

Solar H1Z2Z2-K | max. 1.5/1.5 kV DC



### Vehicle cables

FLYY | round or flat



FLY |



### Data cables

LIYY | coloured cores according to DIN 47100, flexible switching and control cable



LIYY-paired | coloured cores according to DIN 47100, flexible switching and control cable



LIYCY | coloured cores according to DIN 47100, flexible switching and control cable, EMC-suitable, Cu-screened



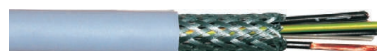
LIYCY-paired | coloured cores according to DIN 47100, flexible switching and control cable, EMC-suitable, Cu-screened



LIYCY-CY | coloured cores according to DIN 47100, flexible switching and control cable, EMC-suitable, Cu-screened pairs and Cu-overall screen



LIYCY-OZ/JZ | flexible switching and control cable, EMC-suitable, Cu-screened



LIYCY/EB | coloured cores according to DIN 47100, flexible switching and control cable intrinsically safe blue, EMC-suitable, Cu-screened



LIYCY/EB-paired | coloured cores according to DIN 47100, flexible switching and control cable intrinsically safe blue, EMC-suitable, Cu-screened



## Industrial electronic cables

JE-LIYY...Bd Si |



JE-Y(ST)Y | JE-Y(ST)YV | JE-Y(ST)YY...Bd Si | JE-LIY(ST)Y |



JE-LIYCY...Bd Si |



RD-Y(ST)Y | RD-Y(ST)YV | RD-Y(ST)YY | RE-2Y(ST)Y | RE-2Y(ST)YV | RE-2Y(ST)YV PIMF



## Medium voltage cables

N2XSY | N2XS2Y | N2XS(F)2Y | N2XSEY | NA2XSY | NA2XS2Y | NA2XS(F)2Y | XLPE-insulation on request



NYFGY | on request



## Telephone cables

J-Y(ST)Y...Lg | indoor cable



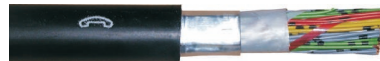
J-2Y(ST)Y...St III Bd |



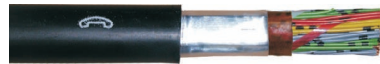
J-Y(ST)Y...Lg | BMK, indoor cable



A-2Y(L)2Y | outdoor cable, transversely waterproof

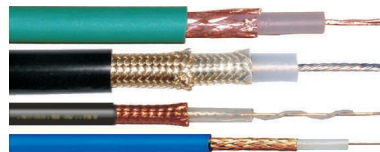


A-2YF(L)2Y | outdoor cable, transversely and longitudinally waterproof



## Coaxial cables

Video cable | RG coaxial cable | RG coaxial cable - halogen-free | RG multi-coaxial cable | IBM type | CATV cable |



## Switching wires

LIY | LIYV | LIFY | stranded wire (also available as UL/CSA approved)



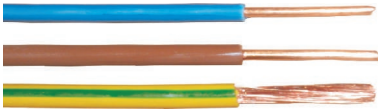
Yv | switching wire



## CABLES CONNECT

### PVC wiring and core cables

H05V-U | H07V-U/R | H05V-K | H07V-K\* |  
H05V2-U | H07V2-U | H05V2-K\* | H07V2-K\* |  
heat-resistant (\*also available as UL/CSA approved)



### Installation cables

NYM-O/J | PVC sheathed cable



(N)YM-(ST)-J | PVC sheathed cable,  
screened



NYIF-O/J | flat building wire



YR | PVC bell wire



### Industrial PVC cables

H03VH-H | HAR  
PVC twin cable



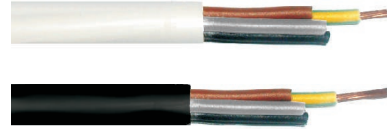
H03VV-F | HAR  
PVC multi-core cable



H03VVH2-F | HAR, flat  
PVC multi-core cable



A05VV-F | H05VV-F | HAR  
PVC multi-core cable



### Power cables 0.6/1 kV

NYY-O/J |



NYY-JZ-RF |  
green or black outer sheath



NYCY |  
concentric conductor on request



NYCWY |  
concentric conductor



NAYY-O/J |  
aluminium conductor



NAYCWY |  
concentric conductor on request



### Cables for Bus systems

Y(ST)Y | H(ST)H |  
Profibus | EIB-Bus | ASI-Bus |  
Inter-Bus | CAN-Bus |



## Reeling cables

NSHTÖU(K)-J |



böhmflex S (N)SHTÖU 0.6/1 kV |

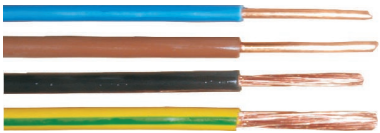


böhmflex Reeling PUR-HF 0.6/1 kV |



## Halogen-free cables and wires

H05Z-U | H07Z-U/R | H05Z-K | H07Z-K |  
wiring and core cables



NSHXAFÖ 1.8/3 kV |  
special rubber-insulated cable



NHXMH-O/J | sheathed cable,  
flame-retardant



NHXMH-(ST)-J | sheathed cable,  
flame-retardant, screened



HMH-OZ/JZ |  
flexible control cable



HMH-C-OZ/JZ | flexible control cable,  
EMC-suitable, Cu-screened



LIHH | coloured cores according to  
DIN 47100, flexible switching and  
control cable



LIHCH | coloured cores to DIN 47100,  
flexible switching and control cable,  
EMC-suitable, Cu-screened



JE-LIHCH...Bd Si |



JE-H(ST)H...Bd Si |



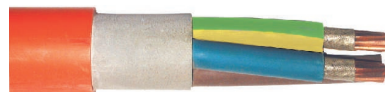
N2XH-O/J | power cable



N2XCH | power cable  
concentric conductor



NHXH-FE 180 | E30 or E90 |  
safety cable



NHXCH-FE 180 | E30 or E90 |  
safety cable



J-H(ST)H...Bd | installation cable



J-2Y(ST)H...St III Bd |



J-H(ST)H...Bd RT | BMK

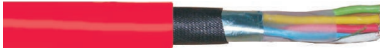


## CABLES CONNECT

JE-H(ST)H ...BD FE180 | E30 or E30-E90 | installation cable



JE-H(ST)H...BD RT | BMK | FE180 E30 or E30-E90



JE-H(ST)HQB...BD RT | BMK FE180 | E30 or E30-E90



### Data cables LAN up to 1,500 MHz

FTP cable |



S-FTP cable |



STP cable |



S-STP cable |



### Optical fibres

I-VH |



I-VHH |



A-DQ(ZN)B2Y | A-DQ(ZN)BH |



### Rubber-insulated cables

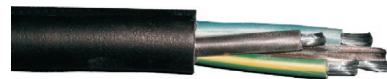
H05RR-F | H05RN-F | industrial rubber-insulated cable



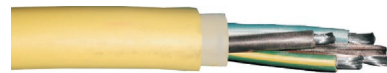
H05RNH2-F | illumination flat cable



A07RN-F | H07RN-F | industrial rubber-insulated cable



NSSHÖU-O/J | heavy duty, rubber-insulated cable



H01N2-D | H01N2-E | welding cable, highly flexible



NSGAFÖU 1.8/3 kV | special rubber-insulated cable, short-circuit, earth-fault protected up to 1000 V  
halogen-free available in stock



NSGAFÖU 3.6/6 kV | special rubber-insulated cable



### Trailing cables

NTSWÖU 0.6/1 kV - 1.8/3 kV - 3.6/6 kV  
NTSCGEWÖU 1.8/3 kV - 3.6/6 kV - 6/10 kV  
12/20 kV - 18/30 kV

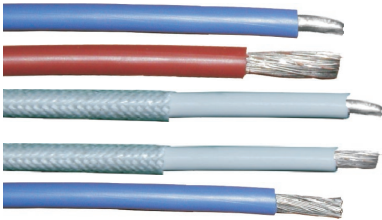
available as (SM-R) or (SM) trailing cables with optical fibres





## Heat-resistant cables

SID | SIF | A05SJ-U | H05SJ-K | VDE, HAR,  
silicone single cores, halogen-free,  
SIFZÜ | silicone ignition cable, halogen-free



SIFZW |  
silicone twin cable, halogen-free



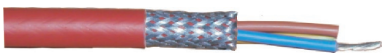
SIHF |  
silicone flexible cable, halogen-free



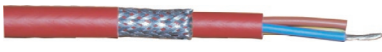
H05SS-F | VDE, HAR, silicone flexible  
cable, halogen-free



SIF-Cu-SI | silicone flexible cable,  
halogen-free, EMC-suitable, Cu-screened



SIHF-Cu-SI | silicone flexible cable,  
halogen-free, EMC-suitable, Cu-screened



SIHF-GL-P | steel wire braiding,  
silicone flexible cable, halogen-free

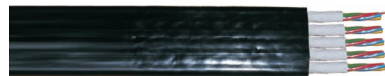


## Flat- and round cables for festoon systems

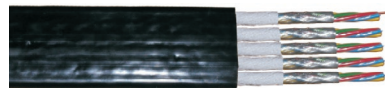
(A)05VVH6-F | H05VVH6-F | H07VVH6-F | HAR,  
PVC flat cable



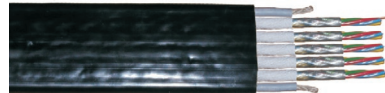
KYFLY | PVC flat cable



KYFLCY | PVC flat cable  
Cu-screened



KYFLTCY | PVC flat cable with  
supporting element, Cu-screened



NGFLGÖU | neoprene flat cable



GFLCGÖU-J | neoprene flat cable  
Cu-screened



(N)GRDGÖU | neoprene round cable



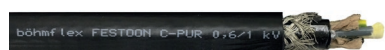
(N)GRDGCGÖU | neoprene round cable  
Cu-screened



böhmflex FESTOON PUR-HF 0.6/1 kV |



böhmflex FESTOON C-PUR-HF 0.6/1 kV |



## CABLES CONNECT

### Navy cables according to VG 95218

**MGSGO | VG 95218-60**  
power cable, halogen-free,  
flame-retardant, fully screened



**LMGSGO | VG 95218-61**  
power cable, halogen-free,  
flame-retardant, fully screened



**FMGSGO | VG 95218-62**  
telecommunication cable, halogen-free,  
flame-retardant, fully screened



**FMSGSGO | VG 95218-63**  
telecommunication cable, halogen-free,  
flame-retardant, paired, fully screened



**LFMGSSGO/LFMGSGO | VG 95218-64**  
telecommunication cable, halogen-free,  
flame-retardant, double fully screened



**LFMSGSGO | VG 95218-65**  
telecommunication cable, halogen-free,  
flame-retardant, paired, fully screened



**LFMSGSSGO | VG 95218-66**  
telecommunication cable, halogen-free,  
flame-retardant, paired, double fully  
screened



### Marine data cables

**CAT 7 S/FTP 4x2xAWG23/7 FLEX HFFR |  
CAT 7 S/FTP 4x2xAWG23/1 HFFR**



### Marine | Offshore cables according to IEC 60092

**FM2XCH 150/250 V | communication and  
telecommunication cable, fully screened**



**FM2XCH-FFR 150/250 V | communication and  
telecommunication cable, flame-retardant,  
fully screened**



**FM2XCCH 150/250 V | communication and  
telecommunication cable, paired, fully  
screened**



**FM2XCCH-FFR 150/250 V | communication and  
telecommunication cable, flame-retardant,  
paired, fully screened**



**M2XCH 0.6/1 kV | power cable,  
screened**



**M2XCH-FFR 0.6/1 kV | power cable,  
flame-retardant, screened**



**M2XCH EMC 0.6/1 kV | power cable,  
screened**



**M2XCH EMC 1.8/3 kV | power cable,  
screened**



**M2XCH VFD 0.6/1 kV | power cable,  
screened**



**M2XH 0.6/1 kV | power cable**



M2XH-FFR 0.6/1 kV | power cable,  
flame-retardant



M2X 0.6/1 kV | wiring and core cable



MVCECH 3.6/6 kV | medium voltage cable



MVCECH 6/10 kV | medium voltage cable



## Conductors

Different options are available:  
Electrolytic, stranded, annealed or sector  
shaped Cu-wire according to IEC 60228 class  
5 (class 2 and/or tinned on request). Cables  
are produced as NOFI with separating foil  
or as FI with extruded bedding compound.  
SHF 1 or SHF 2 on request, colour code for  
communication cables also available white/  
blue numbered.

## Ship-to-Shore cables

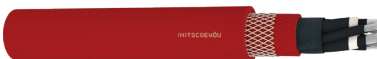
böhmflex Reeling PUR-HF 0.6/1 kV |



NSHTÖU 0,6/1 kV |  
reeling rubber cable



(N)TSCGEWÖU 3,6/6 kV - 18/30 kV |  
mining cable | power reeling cable



NSSHÖU 0,6/1 kV |  
heavy duty rubber cable



H07RN-F 450/750 V |  
rubber cable



H07BQ-F 450/750 V |  
PUR cable



## More cables available on request

Offshore cable | BFOU | RFOU | NEK606 | ...

Marine | fiber optic cable

Marine | bus cable

RG | coaxial cable

## Copper | Alu | Bronze | Iron ropes according to **DB**-standard

Cu-connecting rope according to DIN 43138-E-  
Cu | Cu-rope according to DIN 48201



Bronze rope according to DIN 43138 and  
DIN 48201 |



Iron wire rope 95 according to DB-standard |



## Railway earthing cables

(N)A(ST)YY-O 0.6/1 kV ALMGST |  
(N)AYY-O ALMG |





Logistics & warehouse I | Kalthofer Feld



Logistics & warehouse II | Zollhaus



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