

Cable Selection Guide

BUILDING MANAGEMENT SYSTEMS



**(Channeling
POWER)** 

Connections for Smart Networked Buildings

Cables, wires and accessories from HELUKABEL for use in building management systems

Whether in private homes or public facilities, intelligent networking in building technology provides enormous potential for more security, energy and cost efficiency as well as user comfort. HELUKABEL's electrical connection technology offers the appropriate solutions for integrating lighting and dimming, heating and cooling, fire and burglary protection and many other components into an end-to-end digitalised building management system.

A Power Supply

At a building construction sites power tools, switchboards and equipment is necessary to power up tools, equipment, switchboards and lighting.

Recommended Products

2 3 4 5 6 7 9 10 11
38 43 44

B Solar Panels

Renewable energy cables are especially developed to withstand weather conditions on building rooftops; perfect for green-energy concepts.

Recommended Products

1 2 3 6 15
21 24 37

C HVAC

Heating, ventilation and air-conditioning is part of the building climate management-system to ensure maximum comfort for occupants.

Recommended Products

1 2 3 4 5 8 9 11 14 15 16
18 19 20 21 22 39 40

D Fire Alarms

Cables for equipment designed to detect and alert of any fire hazards eliminate threats and protect lives and property.

Recommended Products

8 10 15 16 17
18 19 20 21 38 46

E Access Control

Control the access of people within a building or office to ensure maximum security and safety.

Recommended Products

3 4 6 8 12 13 15 16 17
18 19 20 21 22 32 33 34 35

F Security

Monitor and detect intrusions in building/office to provide maximum safety for people and assets within the building.

Recommended Products

4 6 8 12
18 19 20 21 24 32 33 34 35 36

G Structured Networks

Local Area Network systems consist of cables (Category 5e and 6) and connectivity products that interconnect offices, staff and buildings, inside and out.

Recommended Products

18 19 20 21 22 23 24

I Lifts & Escalators

Vertical transport provides a faster and more efficient way to move people and goods to their desired destination.

Recommended Products

2 3 4 5 6 7 9

39 41 42 43

H Media Technology

From sound to visuals, cables are perfectly designed for entertainment and broadcasting needs in a building auditorium, theatre, concert hall and for public address systems.

Recommended Products

2 3 5

25 26 27 28 29 30 31 35 36

J Car Parks

Control car park entry, exit, and security, as well as lights that indicate availability spaces to make parking easier.

Recommended Products

2 3 4 6 7 9 15

18 19 20 22 23

Accessories

Watertight, vibration proof and other features offer maximum protection for cable, panel and equipment used within the building. In addition to our range of cables and wires, we offer a wide range of cable accessories, which are needed for and during the installation of cables and wires. Our comprehensive range of products includes:

- Cable glands
- Cable protection conduit
- Circular connectors
- Insulation and heatshrink tubing
- Termination and connecting sleeves
- Bundling, binding and attaching
- Identification and marking
- Terminals and cable lugs
- Assembly tools

Our cables and wires can be supplied in various fire protection classes in accordance with the European Construction Products Regulation (BauPVO) and come with a corresponding CE marking and declaration of performance.

For further information, please refer to the corresponding data sheets at: www.helukabel.com/999999en (replace the **red numbers** with the corresponding part no.)



You can find further information material on our products in our
Download Centre: www.helukabel.de/download-center



- 1 NYY-J | Part no. 32001
- 2 H07RN-F | Part no. 37019
- 3 OZ-600 | Part no. 10550
- 4 JZ-500 | Part no. 10001
- 5 HELUPOWER® 1000 RV-K | Part no. 11003798
- 6 FIVENORM, H05V2-K | Part no. 64075
- 7 H05Z-K | Part no. 52872
- 8 DATAFLAMM® | Part no. 52300
- 9 OZ-500 HMH-C | Part no. 11656
- 10 HELUTHERM® 145 | Part no. 50999
HELUTHERM® 145 MULTI-C | Part no. 52194
- 11 SiHF | Part no. 22989
- 12 TRONIC (LiYY) | Part no. 18001
- 13 TRONIC-DY (LiY-DY) | Part no. 20139
- 14 HELUDATA® UL 2092 PVC-TP GREY | Part no. 11000611
- 15 HELUDATA® UL 2919 PVC-TP-C GREY | Part no. 11005140
- 16 HELUDATA® UL 2464 PVC-TP BLACK | Part no. 11000620
- 17 HELUDATA® UL 20276 PVC-TP GREY | Part no. 11000630
- 18 HELUKAT® 155 CAT.5e U/UTP PVC STATIC | Part no. 80053
- 19 HELUKAT® 200 SF/UTP PVC STATIC | Part no. 81610
- 20 HELUKAT® 300 U/FTP PVC FLEX | Part no. 802174
- 21 HELUKAT® 600 S/FTP
HELUKAT® 600A CAT.7e S/FTP FRNC STATIC | Part no. 80810
HELUKAT® 600A CAT.7e S/FTP PVC STATIC | Part no. 801147
- 22 E-BUS / KNX PVC STATIC | Part no. 81081
- 23 CAN-BUS 0,50mm² 2-PAIR PVC STATIC | Part no. 803722
- 24 HELUCOM® I-VH | Part no. 80783
HELUCOM® A/I-DQ(ZN)BH | Part no. 80270

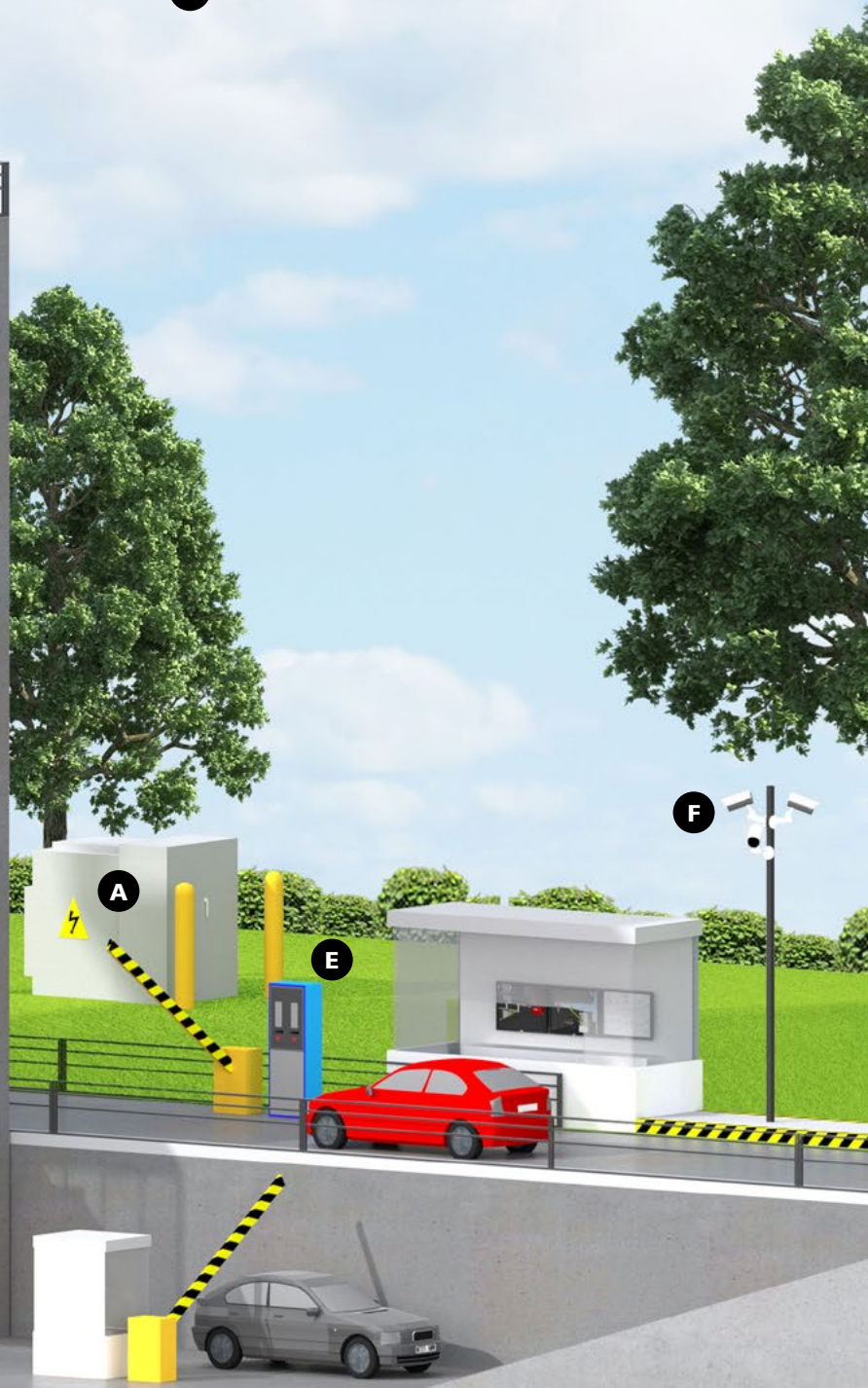
Building Management Systems

From security to accessibility, managing comfortability yet ensuring safety, a building management system governs a vast network of applications according to people's needs.



APPLICATIONS

- A** Power Supply
- B** Solar Panels
- C** HVAC
- D** Fire Alarms
- E** Access Control
- F** Security
- G** Structured Networks
- H** Media Technology
- I** Lifts & Escalators
- J** Car Parks



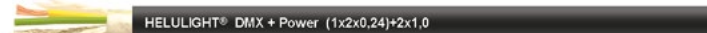
HELUSOUND® AES/EBU TP DMX 512 Audio & Light | Part no. 400034

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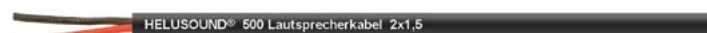
HELULIGHT® DMX & Power | Part no. 400081

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HELUSOUND® 500 PUR Speaker Cable | Part no. 400109

27



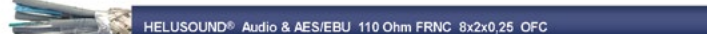
HELUSOUND® AES/EBU Digital-Audio | Part no. 400022

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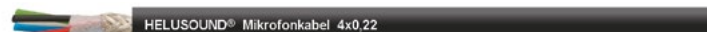
HELUSOUND® AES/EBU Digital-Audio | Part no. 400171

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HELUSOUND® Microphone Cable | Part no. 400041

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HELUSOUND® Instrument Cable | Part no. 400036

31



Video Cable, FRNC | Part no. 40022

32



Coaxial Cable, RG 58 C/U | Part no. 40003

33



Coaxial Cable, RG59 B/U | Part no. 40004

34



Coaxial Cable, CATV, ALG | Part no. 40135

35



Coaxial Cable, SAT/BK | Part no. 40015

36



SOLARFLEX®-X H1Z2Z2-K | Part no. 713529

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SOLARFLEX®-X H1Z2Z2-K NTS | Part no. 17000101

PAAR-TRONIC-Li-2YCYv | Part no. 21129

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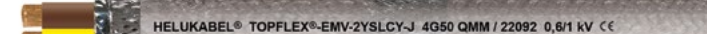
Y-CY-OZ | Part no. 16200

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TOPFLEX®-EMV-2YSLCY-J | Part no. 22084

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PVC-flat | Part no. 26980

41



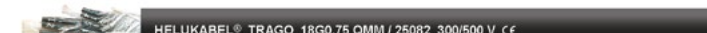
LIFT-2S | Part no. 25091

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TRAGO | Part no. 25080

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NSHXAFÖ | Part no. 38517

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