

# BUS Cables

KH-BUS fixed installed



PVC + FRNC



## Type Cable structure

Inner conductor, power core:  
Inner conductor, data core:  
Core insulation, power core:  
Core insulation, data core:  
Core colours, power core:  
Core colours, data core:  
Stranding element, data core:  
Shielding, data pair:  
Drain wire:  
Outer sheath material:  
Cable external diameter:  
Outer sheath colour:

## Hospital-Bus 2x1.5mm<sup>2</sup> (stranded) + 2x2x0.60 mm (solid)

Copper, bare  
Copper, tinned  
PVC  
PE  
rd, bu  
gn/ye, gy/pk  
Double core  
PP foil + aluminium-lined foil + PP foil  
yes  
PVC  
app. 8,0 mm ± 0,3 mm  
Green similar to RAL 6001

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## Electrical data

Insulation resistance, min.:  
Mutual capacitance:  
Test voltage:

0,02 GOhm x km  
70 nF/km nom.  
2 kV

0,02 GOhm x km  
70 nF/km nom.  
2 kV

## Technical data

Weight:  
bending radius, repeated:  
Operating temperature range min.:  
Operating temperature range max.:  
Caloric load, approx. value:  
Copper weight:

app. 90 kg/km  
120 mm  
-40°C  
+80°C  
1,01 MJ/m  
53,00 kg/km

app. 93 kg/km  
120 mm  
-25°C  
+80°C  
0,86 MJ/m  
53,00 kg/km

## Application

HELUKABEL® KH-BUS PVC + FRNC for fixed installation of patient calling systems. Simple and fast installation is an important factor there. For this reason, a 6-conductor hybrid cable is used to connect the individual components of the calling system. This cable is used for the power supply, speech and data transmission. The FRNC version is the right choice when a halogen-free installation is required.

## Part no.

**81085**, KH-BUS

**81447**, KH-BUS

Dimensions and specifications may be changed without prior notice.

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