

CC-BUS-EIB J-Y(St)Yv Bd-425

Halogen-free CC-BUS-EIB J-H(St)Hv Bd-480

European Installation-Bus cable

ConCab kabel Mainhardt BUS-EIB 2x2x0,8 CE



CC-BUS-EIB-425 and -480 cable meet the requirements of the “European Installation-Bus”-standard (EIB). These Bus-cables are used for data transmission in building management control systems for power and low voltage applications. They can be used in dry, wet or damp areas either inside or outside, but not laid in the ground.

Construction

Solid bare copper conductor. For core insulation, please see table. Core colours:
 group 1: a-core red, b-core black,
 group 2: a-core white, b-core yellow.
 4 cores laid in star quad,
 copper drain wire, aluminium foil.
 Outer sheath is flame retardant and self-extinguishing (acc. to DIN VDE 0482, part 265-2-1 resp. EN 50265-2-1 and IEC 60332-1, resp. IEC 60332-3).
 Colour green.

Technical data

Rated voltage:
250 V, not for power applications

Test voltage:
core against water bath: 4000 V

Conductor stranding:
bare solid conductor acc. to
DIN VDE 0295, class 1

Loop resistance:
130 Ohm/km

Core insulation and outer sheath:
J-Y(St)Hv: PVC
J-H(St)Hv: halogen-free
polymere mixture

Insulation resistance:
min. 100 MOhm x km

Capacity at 800 Hz:
max. 100 nF/km

Attenuation at 800 Hz:
approx. 1,2 dB/km

Temperature range:
fixed installation: -30°C to + 70°C

Bending radius:
one-time bending without tensile force:
3,5 x cable diameter
multiple bending under tensile force or
during transport: 10 x cable diameter

Approvals:
acc. to DIN VDE 0815 and EIB

Part-No.	No. of cores + diameter	Copper weight kg/km	Outer diameter approx. mm	Weight kg/km
425 08 002 10	J-Y(St)Yv 2 X 2 X 0,8	21	6,8	64
480 08 002 10	J-H(St)Hv 2 X 2 X 0,8 halogen-free	21	6,8	70
425 08 002 315 10	J-Y(St)Yv 2 X 2 X 0,8 + 3 X 1,5	64	12,7	128

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