



VOKA EIB Bus 2x2x0,8 Cca

Bus cable according to KNX/EIB-specification
Permanent indoor installation 2x2x0,8

APPLICATION

For use in bus systems (EIB - European Installation Bus) and as ICA cable power installations. Laying in/on plaster, even in moist and wet rooms. Not approved for power and underground installation. Approved for usage acc. to euroclass classification Cca.

STANDARDS

EIB/KNX-guideline

CONSTRUCTION

Conductor: copper, solid, bare, 0,8

Core insulation: PVC

Core diameter: 1,45 ± 0,05 mm

Core identification: wh, ye, rd, bk

Screening: plastic-laminated aluminium foil

Sheath material: Special PVC

Sheath color: green, RAL 6017

BEHAVIOR UNDER FIRE CONDITIONS

EN 60332-1-2 ; EN 50399 ; EN 50575

EN 13501-6 class Cca-s3 d2 a3

CHEMICAL PROPERTIES

RoHS 2011/65/EU

ELECTRICAL CHARACTERISTICS

loop resistance max. max. 73,2 Ω / km

Insulation resistance min. min. 100 MΩ x km
at +20°C

Operating capacity nom. 100 nF / km

Capacitive coupling K1 nom. 200 pF / 100m

Test voltage 1500 V / AC

Operating voltage 300 V

THERMAL & MECHANICAL PROPERTIES

Temperature range stationary -30°C to +70°C

Temperature range during inst. 0°C to +50°C

min. bending radius installed 5 x diameter

min. bending radius moved 10 x diameter

Maximum traction 100N

Dimension	Diameter appr. mm	Cable weight appr. kg/km	Copper index kg/km	Article number
2x2x0,8	6.2	64	21	

Version: 10/2022

We reserve changes which serve technical progress • Price upon quantity-specific request