

VOKA KNX/EIB Bus 2x2x0,8

Bus cable acc. to KNX/EIB-specification



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 Eca.

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

Technical data

loop resistance max.	max. 73,2 Ω / km
Insulation resistance min.	min. 100 GΩ 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 & Menical 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

No.cores x cross-sec. mm2	approx. outer Ø mm	Copper content kg/km	Weight kg/km	code
KNX/EIB Bus 2x2x0,8				
2x2x0,8	6,2	21,0	64,0	10289715