



ChimeraX™ EIB KNX Fire Retardant Cable 2 Pair 0.8mm overall screen PVC/LSOH

Flame Resistant

IEC 60332-1-2

CPR(305/2011)

Eca(EN50575:2014+A1:2016)

Design Reference

DIN VDE 0815

Application

EIB / European Installation Bus

KNX/communication in building
management

Working Conditions

Storage Temperature

-20°C ~ +70°C

Installation Temperature:

-20°C ~ +50°C

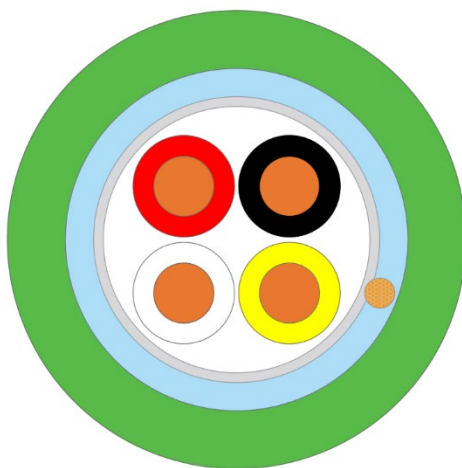
Operation Temperature

-20°C ~ +70°C

Min. Allowable Bending Radius

>10 D

D is the out diameter of the cable



The E-bus cable is used for the transmission of bus signals for intelligent systems in buildings. The cables ensure perfect communication in accordance with EIB regulations (European installation bus). They can be laid over, in, or below the plaster, in pipes and pipe ducts, in dry, moist, and wet areas, as well as outside, provided they are protected against direct exposure to the sun. Wiring together with high-power supply cables is possible without limitation. The cable can be used to control lighting, blinds, heating, ventilation, indicator boards, etc.

Technical data

Number of Pairs	2
Conductor	Solid Bare Copper
Conductor OD	mm 0.8± 0.01
Insulation	PVC
After Insulation OD (Nom.)	mm 1.40±0.05
Color Code	Red & Black; White & Yellow
Overall Tape	Polyester Tape Wrapped
Drain Wire	0.4mm Tinned Copper Wire
Overall Shield	Aluminum Foil-Polyester Foil 100% coverage
Outer Jacket	PVC/LSOH (Green RAL 6018)
Overall Cable Diameter(Nom.)	mm 6.80±0.1

Electrical Characteristics

Nominal Conductor Resistance:	Ω/km	< 37.5
Insulation Resistance	M Ω.M	> 200
Test Voltage	5 minutes	2.5kV



Sheath Marking

The outer sheath is marked in 1meter intervals as follows

HERMESYS CHIMERAX KNX CC-6080210 2P 0.8MM BC OS PVC JACKET FIRE RETARDANT WWYYYY XXXXM

Shipping Information

Packing Method

Wooden Drum with Protection

Delivery Length

Standard Delivery Length is 1km with a tolerance of $\pm 3\%$

Order Information

P/N	Description
CC-6080210	CHIMERAX KNX CC-6080210 2P 0.8MM BC OS PVC JACKET FIRE RETARDANT
CC-6080220	CHIMERAX KNX CC-6080210 2P 0.8MM BC OS LSOH JACKET FIRE RETARDANT

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