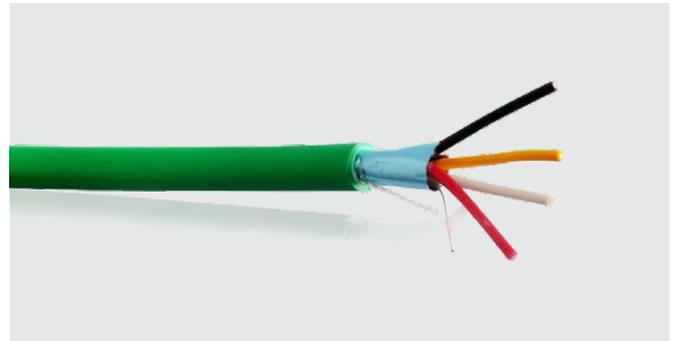


# EIB Bus Cable

## 2 Pair 20 AWG Shielded



EIB BUS SYSTEM cables are primarily designed for communication in building management system with the application scope of controlling lighting, air conditioning, blinds, heating and time management. The cables are not suitable for power transmission and direct burial.



### CABLE CONSTRUCTION

<b>Conductor</b> Solid Bare Copper	<b>Shielding</b> Aluminium Foil - Polyester Tape	<b>Separator</b> Polyester Tape	<b>Outer Jacket</b> PVC/LSZH	<b>Rip Cord</b> Nylon
<b>Insulation</b> PVC (Polyvinyl Chloride)	<b>Foil Coverage</b> 100%	<b>Drain Wire</b> Solid Copper	<b>Jacket Color</b> Green/White	

### PHYSICAL CHARACTERISTICS

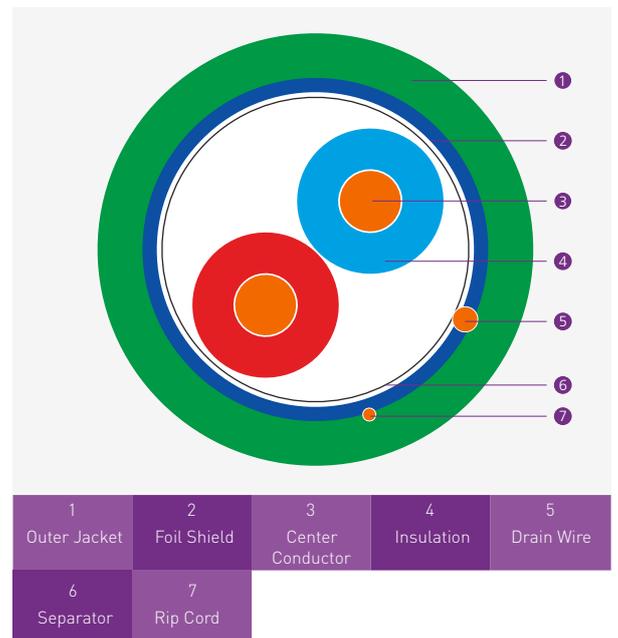
Characteristic	Value
No. of Pair	2
No. of Conductor	4
Conductor Size	20 AWG 0.8 mm
Insulation Thickness	0.18 mm
Insulation Diameter	1.45 mm
Drain Wire Size	24 AWG 0.4 mm
Jacket Thickness	1.00 mm
Jacket Diameter	6.30 mm
Min. Bending Radius Install	8 x D
Operating Temperature	-20oC to +75oC

### ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DCR@20°C	Ω/km	38.5
Dielectric Strength between pairs	kv/min	≥ 1.0
Short or open of the loop	-	None
Shield	-	No break

### MECHANICAL CHARACTERISTICS

Characteristic	Value
Test Material	LSZH
Before Tensile Strength (Mpa)	≥ 10
Aging Elongation (%)	≥ 125
Aaina Condition (oC x hrs)	100 x 168
After Tensile Strength (Mpa)	≥ 8.0
Aging Elongation (%)	≥ 100
Cold Bend [-20±°C x 4 hrs]	No Crack



# EIB Bus Cable 2 Pair 20 AWG Shielded



## INSULATION COLOUR CODE

Individual Core	Colour
Core 1	Red
Core 2	Black
Core 3	White
Core 4	Yellow

## ORDERING INFORMATION

Part Number	Description	Net Weight Kg/km
81-1102201X	EIB BUS Cable 2 Pair 20 AWG Shielded PVC	52
81-1102202X	EIB BUS Cable 2 Pair 20 AWG Shielded LSZH	52

X: jacket colour, GN for Green and WH for White