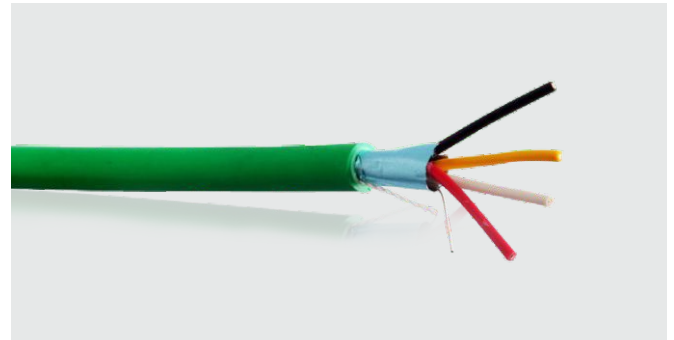


EIB BUS CABLE

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

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

PHYSICAL CHARACTERISTICS

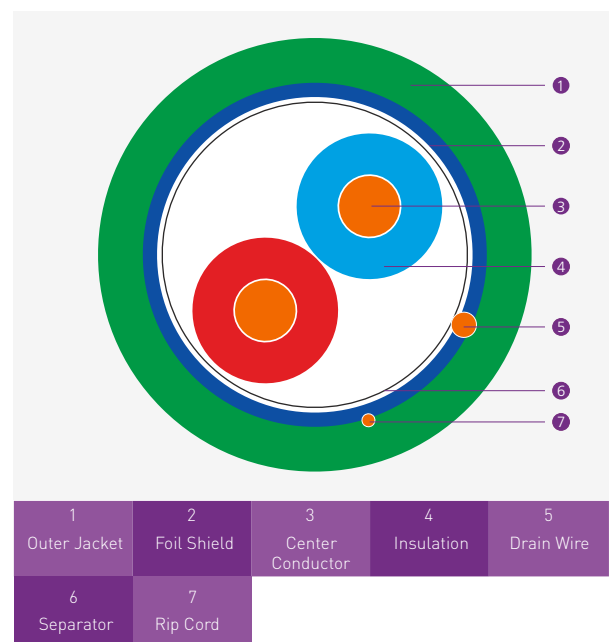
Characteristic	Value
No. of Pair	2
No. of Conductor	4
Conductor Size	20 AWG 0.8 mm
Insulation Thickness	0.18 mm
Insulation Diameter	1.45 mm
Drain Wire Size	24 AWG 0.4 mm
Jacket Thickness	1.00 mm
Jacket Diameter	6.30 mm
Min. Bending Radius Install	8 x D
Operating Temperature	-20oC to +75oC

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Nom. Conductor DCR@20C	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