

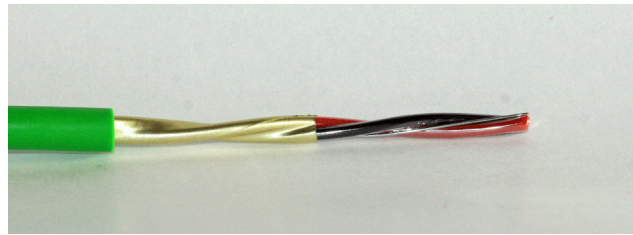
DESCABUS EIB (St)

0,80 mm

Cables EIB (St) Bus shielded

Application

In static application for EIB (European - Installation - Bus) indoor installations. The cables are suitable for installation in ducts, on risers and under data floors.



Construction

Solid bare copper conductors
Insulation Polyethylene
Strain 1: a - core red, b - core black
Strain 2: a - core white, b - core yellow
Cores twisted into a pair respectively a quad, foil tape over it
Solid tinned drain wire
Shielded by Aluminium/Polyester laminated foil tape, optical coverage 100 %
Sheath PVC green, RAL 6018
Sheath halogen-free, flame retardant polymer compound green RAL 6018

Special Characteristics

The cables are flame retardant according to IEC 60332-1, designated types are halogen-free according to IEC 60754-1.

Technical Properties

Rated voltage U ₀ /U	250 V
Test voltage	
Cores/ Cores	800 V
Cores / Shield	2500 V
Loop impedance	max. 73 Ω/km
Operating capacitance	max. 100 nF/km
Temperature range	- 5°C ... + 70°C
- static installation	- 30°C ... + 70°C
Minimum bending radius	12 x cable diameter
- static	6 x cable diameter

Standards / Approvals

In accordance with the EIB standard

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
- Execution PVC				
218560	DESCABUS EIB (St) 1x2x0,80 mm green	gn 5.00	12.00	39.00
218561	DESCABUS EIB (St) 2x2x0,80 mm green	gn 5.70	21.00	58.00
- Execution halogen free				
218570	DESCABUS ECO EIB (St) 1x2x0,80 mm	gn 5.00	12.00	39.00
218571	DESCABUS ECO EIB (St) 2x2x0,80 mm	gn 5.70	21.00	58.00

gn = green

Packaging

cut to desired length