



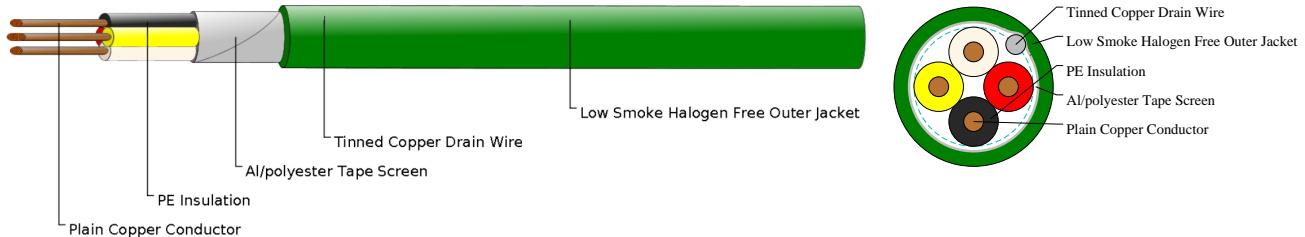
Caledonian

Bus Cables

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E.I.B Cable(European Installation Bus) 4C0.8MM



APPLICATIONS

EIB installation consists of sensors and actuators. The E.I.B. concept allows intergration of Building Management Systems(B.M.S.) over one common system. Lighting, blinds, heating and ventilation can be automatically controlled through the

E.I.B cable. This dramatically reduces the cabling required in a modern building. To meet European standards this cable is LSHF throughout. They can be installed 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.

CABLE CONSTRUCTION

Conductor: Plain copper conductor 0.8mm

Insulation: PE

Stranding Element: Cores twisted into a quad

Shielding: Aluminium/polyester foil screen

drain wire: Solid copper

Outer Jacket: Low Smoke Halogen Free

COLOUR CODE

Insulation Colors: Yellow, White, Red, Black

Outer Jacket Color: Green

PHYSICAL AND THERMAL PROPERTIES

Test Voltage: 4KV

Working Voltage Max: 150V

Conductor resistance: 37.0 Ohm/km @ 20°C

Insulation resistance: 1000MΩhms*km @ 20°C

Mutual capacitance@800Hz: 100nF/km max

Unbalanced capacitance: 300pF/100m max

Min. Bending Radius (Laying): 10 x OD mm

Operating Temp. Range, min.: -20°C (fixed)

Operating Temp. Range, max.: +70 °C (fixed)

DIMENSION AND PARAMETERS

Cable Construction

Approx. Weight



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	kg/km
4x1x0.8 mm	62