

	TECHNICAL DATA SHEET	code	YE00819
		version	1
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APPLICATION

EIB cable for building management.

CONSTRUCTION



1. Conductor

Diameter of conductor	0.8 mm (0.5mm ²)
Material	solid bare copper

2. Insulation

Material	PVC
Diameter over insulation	1.40 ± 0.05 mm
Wallthickness	0.3 mm

3. Overall Cabling

Colour code	red –black
Laylength	Cable core is wrapped with a PET or PP foil (overlap > 15%) < 80 mm

4. Outer shield

Shield	Beldfoil®)
Shield Material	Aluminium / Polyester tape
Shield Thickness Alu	9 µm
Shield coverage	100%
Drainwire	0.4 mm Solid tinned Cu

5. Sheath

Material	PVC (RAL 6017)
Colour	Green
Nominal thickness	1.2 mm
Nominal diameter	5.5 mm +/- 0.3 mm
Cable has a round appearance, sheath easy to remove.	

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REQUIREMENTS AND TEST METHODS

Electrical:

Maximum resistance conductor	34 Ω /km
Maximum capacitance conductor-conductor	100 nF/km
Testvoltage conductor-conductor	1000 VDC, 1 min.
Testvoltage conductor-screen	1000 VDC, 1 min.

Mechanical and physical:

Flame resistance	IEC 60332-1
Temperature range processing and operating	-20 to +70 °C
Temperature range storage	-30 to +70 °C
Minimum bending/setting radius	5*D/10

Cableprint: (in black ink) once every meter.

(WW/YY week and year of production, xxxx M = metermarking)

“BELDEN (TM) YE00819 EIB 1X2X0.8 MM WW/YY xxxx M REG NR. 109/7253/05”



Belden CDT believes this product to be in compliance with the environmental regulations EU RoHS (Directive 2002/95/EC, 27 January 2003); this is valid for all material produced after the RoHS compliant date for this product.