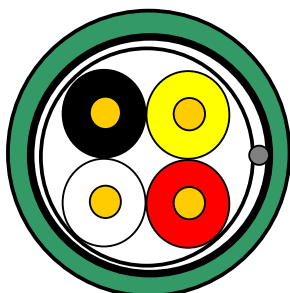
	TECHNICAL DATA SHEET	code	YE00906
		version	3
	EIB cable 4x0.8B PE FS FRNC	date	2010-10-26
		page	1/2

APPLICATION

EIB cable for building management.

CONSTRUCTION



1. Conductor

Diameter of conductor

0.8 mm (0.5mm²)

Material

solid bare copper

2. Insulation

Material

PE

Diameter over insulation

1.60 ± 0.05 mm

Wallthickness

0.4 mm

3. Overall Cabling

Colour code

four wire into a quad
white-red-yellow-black

Cable core is wrapped with a PET
or PP foil (overlap > 15%)

Laylength

< 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

4. Sheath

Material

FRNC (like RAL 6017)

Colour

Green


Nominal thickness

1.4 mm

Nominal diameter

6.3 mm +/- 0.3 mm

Cable has a round appearance, sheath easy to remove.

	TECHNICAL DATA SHEET	code	YE00906
		version	3
	EIB cable 4x0.8B PE FS FRNC	date	2010-10-26
		page	2/2

REQUIREMENTS AND TEST METHODS

Electrical:

Maximum resistance conductor	34 Ω /km
Nominal capacitance conductor-conductor	50 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
Halogen content according to IEC754-1	zero
Corrosivity of fire gasses according to IEC754-2	
Conductivity	$\leq 100 \mu\text{S/cm}$
pH value	≥ 3.5
Minimum bending/setting radius	5*D/10

Cableprint: (in black ink) once every meter.

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

“BELDEN (TM) YE00906 EIB 2X2X0.8 MM WW/YY xxxx M REG NR. 109/7254/05”



Belden declares 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.

© Belden Wire & Cable B.V.

All rights are reserved. Reproduction in whole or in part is prohibited without the written consent of the copyright owner

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Ethernet Cables / Networking Cables](#) category:

Click to view products by [Belden](#) manufacturer:

Other Similar products are found below :

[0152660053](#) [603020002](#) [73-7797-25](#) [73-8890-10](#) [73-8890-14](#) [73-8891-14](#) [73-8891-25](#) [73-8892-50](#) [73-8894-10](#) [73-8894-3](#) [73-8895-14](#) [73-8896-7](#) [MCJB2-10P6Q7-120](#) [84909-0204](#) [9QA0-111-12-3.00](#) [1200650742](#) [1200700174](#) [1200860368](#) [1200650013](#) [1201080008](#) [1-21919-1](#) [1300500373](#) [1300101844](#) [1300101845](#) [130050-0004](#) [1300500014](#) [1410147](#) [E16A06002M030](#) [E200102-009-S1](#) [MT14-187L](#) [17-103530](#) [NK5EPC18RDY](#) [NK5EPC18VLY](#) [NK5EPC18YLY](#) [NK5EPC1GRY](#) [NK5EPC30BLY](#) [NK5EPC30VLY](#) [NK5EPC30YLY](#) [NK5EPC4Y](#) [NK5EPC6YLY](#) [NK5EPC8BLY](#) [NK5EPC9YLY](#) [NK6PC30BUY](#) [NK6PC30GRY](#) [NK6PC30RDY](#) [NK6PC30Y](#) [NK6PC30YLY](#) [1969343-6](#) [C501100010](#) [C501106002](#)