

## Draka EIB BUS Cable

Generally Belden YE00xxx Alternative



Photo for illustration only

### Application

Bus cable for indoor installations in Bus systems. The cable is suitable for installation in ducts, on risers and under data floors. PE insulated plain copper conductors. The cable has an overall Al/PETP-foil screen and a tinned copper drain wire. The overall sheath is made of flame retardant PVC. The pair is colour coded for easy identification.  
1 pair: black/red 2 pair: yellow/white

### Reaction to fire

IEC 60332-1, IEC 61034-2, IEC 60754-1/2

### Electrical Characteristics

Conductor DC resistance (max.)	37.50 $\Omega$ /km
Insulation resistance (at 500 V, 1 min.)	10 $G\Omega$ *km
Nom. Capacitance Conductor to Conductor	60 pF/m
Inductance	0.65 mH/km
Voltage Rating	300 V
AC Testvoltage, (5 min)	2500 V
AC Testvoltage, (1 min)	4000 V

\* values are nominal

### Construction

Conductor	Bare copper 0.5 mm <sup>2</sup> 0.80 mm $\varnothing$
Insulation	PE, 1.6 mm $\varnothing$
Conductor identification	Pair 1: red, black Pair 2: Yellow, white
Pair stranding	2 conductors to the pair
Cable lay up	1 or 2 pairs to the core
Wrapping	1 x PET foil

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Overall shielding	Laminated AL-foil + copper drain wire 0.4mm <sup>2</sup> 0.71 mm Ø
Rip cord and identification thread	Yes
Outer sheath	LSZH Green RAL 6018
Marking for 1Pair or 2 Pair LSZH version	Draka MMS EIB BUS <1 or 2> Pr x 0.8mm LSZH <Part Number> <FC> <BATCH CODE> <XXXX>M

\* values are nominal

### Mechanical Properties

Operating temperature	- 25 oC up to +70 oC
Min. Installation temperature	- 5 oC up to +60 oC
Minimum bending radius	
<b>without load</b>	4 x D
<b>with load</b>	8 x D

#### Sheath Colour & Marking :

Black, the outer sheath is marked in 1 meter intervals as follows:

**Draka EIB BUS Cable <CONDUCTOR PAIR QUANTITY>P x <CONDUCTOR SIZE>mm BC Shielded <OUTERSHEATH> <FC> <YYYY> -<XXXX>M**

<CONDUCTOR PAIR QTY> denotes quantity of conductor pair  
 <CONDUCTOR SIZE> denotes conductor size in AWG  
 <OUTERSHEATH> denotes outersheath material (LSZH)  
 <FC> denotes factory code  
 <YYYY> denotes Year of manufacturing  
 <XXXX> denotes Meter marking

### Logistic

#### Packing:

Wooden drums with protection.

#### Delivery Lengths:

Standard delivery length is 500m per drum ± 5%.

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#### Ordering information

Draka P/N	SAP1C Code	Product Description	P.U.
EIB1P0.8L-GN	60081651	EIB BUS Cable 1Pr x 0.8mm BC Shielded LSZH GREEN	500m/drum
EIB2P0.8L-GN	60081652	EIB BUS CABLE 2Pr x 0.8mm BC Shielded LSZH GREEN	500m/drum

\*Non standard products typically higher MOQ and longer lead-time

#### Enquiries

Please contact our local sales office or [mms.asia@prysmiangroup.com](mailto:mms.asia@prysmiangroup.com)

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