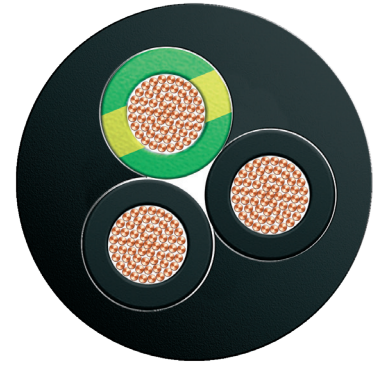


# EventSeries®

## FHL Lighting Control Cable



### Application

This range of control cables have been designed for use with "Socapex™" style 19pin lighting connectors. The use of extra supple compounds give them good flexibility and good mechanical resistance.

### Cable Design

|                     |   |
|---------------------|---|
| Conductor           | Stranded bare copper wire   |
| Cross Section       | - 1,50mm <sup>2</sup> (30/0,25 mm)<br>- 2,50mm <sup>2</sup> (50/0,25 mm)                |
| Insulation          | soft Thermoplastic polymer  |
| Assembly            | - 3 cores<br>- 18 cores + central filler  |
| Core Identification | Number coded with Green/Yellow earth<br>(Also available in Lighting Connector Rotation) |
| Outer Jacket        | Soft Thermoplastic Polymer  |
| Diameter            | Ø see specification table   |
| Colour              | Black Matt  |



### Electrical Data

|                       |                    |           |         |
|-----------------------|--------------------|-----------|---------|
| Conductor Resistance  | 1.5mm <sup>2</sup> | < 13,3    | Ω/km    |
|                       | 2.5mm <sup>2</sup> | < 7,98    | Ω/km    |
| Insulation Resistance |                    | 200       | MΩ x km |
| Max. Working Voltage  |                    | 300/500 V |         |
| Test Voltage          |                    | > 3       | kV      |

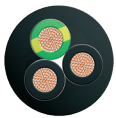
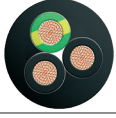
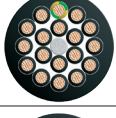

# EventSeries®

## FHL Lighting Control Cable

### Mechanical & Thermal Characteristics

|                     |                         |                     |
|---------------------|-------------------------|---------------------|
| Temperature Range   | static                  | -30 °C up to +70 °C |
|                     | Operat.                 | -5 °C up to +70 °C  |
| Min. Bending Radius | flexing                 | 7,5 x Ø             |
|                     | fixed                   | 4 x Ø               |
| Weight              | see specification table |                     |

### Specification

| Cross Section   | Part Number | No. of Cores x Cross Section<br>[N° x mm <sup>2</sup> ] | Overall Diameter<br>[mm] | Weight<br>[kg/km] |
|---|-------------|---|--------------------------|-------------------|
|  | FHL315      | 3 x 1,5   | 8,30                     | 113               |
|  | FHL325      | 3 x 2,5   | 10,00                    | 170               |
|  | FHL815      | 18 x 1,5  | 14,80                    | 461               |
|  | FHL825      | 18 x 2,5  | 18,10                    | 683               |

*Belcom Cables Ltd. ("Belcom") reserves the right to make changes to the product described in this specification without prior notice. Belcom does not assume any liability which may occur due to the use of the specification described herein. Drawings are not to scale unless otherwise specified and are provided for general and informational purposes only. All values represented in this specification should be used as a guide only and exact product details can be confirmed at point of enquiry.*