

WEB 18/22 Blue Lighting Control LSNH



Part Number: 390150E-LSNH-BLU/RED

Description: WEB 18/22 Blue 1pair 22awg Screened + 1pair 18awg LSNH Blue suitable for Control 4

**Product Construction**

|                       |   |                           |
|-----------------------|---|---------------------------|
| Alternative to Belden | : | 1502R & 1502R SB          |
| <b>Data</b>           |   |                           |
| Conductor Material    | : | Tinned Copper             |
| Conductor Stranding   | : | 22awg, 7/0.25mm           |
| Insulation Material   | : | Foamed Polyethylene (FPE) |
| Number of Pairs       | : | 1                         |
| Drain Wire            | : | Tinned Copper, 24awg      |
| Screening 1           | : | Overall Aluminium Foil    |
| Screening 1 Coverage  | : | >100%                     |
| Core Colours          | : | White, Blue               |

**Power**

|                     |   |                    |
|---------------------|---|--------------------|
| Conductor Material  | : | Tinned Copper      |
| Conductor Stranding | : | 18awg, 16/0.25mm   |
| Insulation Material | : | Polypropylene (PP) |
| Number of Cores     | : | 2                  |
| Core Colours        | : | Black, Red         |

**Overall Construction**

|                 |   |                              |
|-----------------|---|------------------------------|
| Sheath Material | : | Low Smoke Non-Halogen (LSNH) |
| Sheath Colour   | : | Blue                         |

**Mechanical Characteristics**

|                   |         |                       |
|-------------------|---------|-----------------------|
| Overall Diameter  | :       | 6.5mm ± 0.35mm        |
| Temperature Range | Fixed   | : -20°C to +70°C      |
|                   | Flexing | : 0°C to +60°C        |
| Bend Radius       | :       | 10 x Overall Diameter |
| Weight            | :       | 60 kg/km              |

**Electrical Characteristics**

|                                     |                |                |
|-------------------------------------|----------------|----------------|
| Max. Conductor DC Resistance @ 20°C | : Data         | ≤ 55.4 Ω/km    |
|                                     | : Power        | ≤ 23.6 Ω/km    |
| Capacitance, Data                   | Core to Core   | : 45 pF/m ± 25 |
|                                     | Core to Screen | : 90 pF/m ± 40 |
| Impedance                           | : Data         | 100 Ω ± 40     |
| Insulation Resistance @ 20°C        | :              | ≥ 5000 MΩ*Km   |
| Voltage Rating                      | :              | 300/500V       |

**Certifications & Standards**

|                         |   |                                 |
|-------------------------|---|---------------------------------|
| Flame Retardancy        | : | BS EN 60332-1-2                 |
| Low Smoke               | : | BS EN 61034-2                   |
| Halogen Gas             | : | BS EN 60754-1&2                 |
| RoHS 3 Compliant        | : | Yes                             |
| REACH Compliant         | : | Yes                             |
| UKCA CPR Classification | : | Eca to BS EN 50575:2014+A1:2016 |

