

Technical Document  
WEB 2 x 2.5mm<sup>2</sup> Speaker Cable  
Low Smoke Non-Halogen (LSNH) Black – B2ca

webro

Part Number: 231023B-LSNH

Typical Applications: In-wall, in-ceiling and surface-mount speaker cabling for residential and commercial AV installations.



**Product Construction**

|                     |   |                                           |
|---------------------|---|-------------------------------------------|
| Conductor Material  | : | 99.999% Oxygen Free Plain Copper          |
| Conductor Stranding | : | 2.5mm <sup>2</sup> , Class 5 to IEC 60228 |
| Insulation Material | : | Low Smoke Non-Halogen (LSNH)              |
| Number of Cores     | : | 2                                         |
| Core Colours        | : | Red, Blue                                 |
| Sheath Material     | : | Low Smoke Non-Halogen (LSNH)              |
| Sheath Colour       | : | Black                                     |

**Mechanical Characteristics**

|                   |           |                       |
|-------------------|-----------|-----------------------|
| Overall Diameter  | :         | 7.8mm ± 0.2mm         |
| Temperature Range | Fixed :   | -20°C to +70°C        |
|                   | Flexing : | 0°C to +70°C          |
| Bend Radius       | :         | 10 x Overall Diameter |
| Weight            | :         | 115 kg/km             |

**Electrical Characteristics**

|                               |   |             |
|-------------------------------|---|-------------|
| Inner Conductor DC Resistance | : | ≤ 7.98 Ω/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                                       |
| CPR Classification                   | : | B2ca s1a, d1, a1 to EN 50575:2014+A1:2016 |
| Declaration of Performance (DoP) No. | : | WEBC05437                                 |



<https://www.webro.com/23102XB-LSNH.html>

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