Fire Resistant Speaker Cables

Application

Preferably used for installation into conduit and surface wiring which provide flame retardant, low smoke & corrosive gases properties and maintain circuit integrity in case of fire.

Construction

Conductor: Class 2 stranded tinned copper wire

Insulation: Cross-linked polyethylene (XLPE)

Twisting: Two insulated conductors uniformly twisted together to form a pair.

Pair Identification: 1) Black/Blue; 2) Black/Green;
3) Blue/Green; 4) Black/Brown;
5) Blue/Brown; 6) Green/Brown
7) Black/White; 8) Blue/White

9) Green/White; 10) Brown/White

**Overall Collective Screen:** Aluminum/polyester tape applied with the metallic side down in electrical contact with a 0.5mm² tinned copper drain wire. A 23 micron isolation tape is applied over the screening tape with a minimum 50% overlap.

**Jacket:** Low smoke & halogen free compound (LSZH)

**Jacket Color:** Black

**Packing:** Delivered on non-returnable wooden drums.

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### Physical Characteristics

**Voltage Rating:** 300/500V

**Temperature Rating:**
- During Operation: -40°C to +90°C
- During Installation: 0°C to +50°C

**Minimum Bending Radius:** 6 x overall diameter

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### Fire Performance

**Flame Retardant:** IEC 60332 part 1 and part 3

**Fire Resistant:** IEC60331, BS6387 CWZ

**Low Smoke Emission:** IEC 61034

**Zero Halogen Gas Emission:** IEC 60754

**Oxygen Index:** ≥35%

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### Technical Data
<table>
<thead>
<tr>
<th>No. of Pair</th>
<th>Size of Conductor</th>
<th>Conductor Stranding</th>
<th>Insulation Thickness</th>
<th>Sheath Thickness</th>
<th>Overall Diameter</th>
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<tbody>
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<td>No.</td>
<td>mm2</td>
<td>No./mm</td>
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<tr>
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<td>4.00</td>
<td>56/0.30</td>
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</table>

The data included in the present catalogue are merely indicative; Caledonian Cables Limited reserves to itself the right to change them as its own discretion in any time.