Note:
- Ingress Protection: IP67
- Working Voltage: 300VAC
- Working Current: 13A power / 1.5A data
- Conductor Resistance Power Wires: <14.6 ohm / km
- Conductor Resistance Data Wires: <140 ohm / km
- Overvoltage Withstand Power Wires: 1600VAC/1 min
- Temperature Range: -30°C to +80°C
- Sunlight Resistant
- Connector Insert: PBT Plastic Yellow
- Connector Contacts: Gold Plated Brass
- Connector Overmould: TPU Plastic Black
- Connector O-ring: Silicon
- Cable: 16AWG X 3C + (26AWG X 2P + Al / Mylar + Braid)
- Cable Jacket: EPDM Rubber sunlight resistant
- Minimum Bending Radius: 60mm
- RoHS & REACH compliant
- CE compliant

General Technical Specification apply to this item

Drawing applies to:
- 91611758 EXTENSION CABLE, 0.2 M, EU
- 91611760 EXTENSION CABLE, 1 M, EU
- 91611762 EXTENSION CABLE, 5 M, EU
- 91611764 EXTENSION CABLE, 10 M, EU

<table>
<thead>
<tr>
<th>Pin Out</th>
<th>Wire Color</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>Brown (16AWG / 1.3 mm2)</td>
<td>Live</td>
</tr>
<tr>
<td>N</td>
<td>Blue (16AWG)</td>
<td>Neutral</td>
</tr>
<tr>
<td>G</td>
<td>Yellow/Green (16AWG)</td>
<td>Earth</td>
</tr>
<tr>
<td>1</td>
<td>Braid</td>
<td>DMX Common/Shield</td>
</tr>
<tr>
<td>2</td>
<td>Red (26AWG / 0.13 mm2)</td>
<td>DMX Data-</td>
</tr>
<tr>
<td>3</td>
<td>Grey (26AWG)</td>
<td>DMX Data+</td>
</tr>
<tr>
<td>4</td>
<td>Green (26AWG)</td>
<td>Data2-</td>
</tr>
<tr>
<td>5</td>
<td>White (26AWG)</td>
<td>Data2+</td>
</tr>
</tbody>
</table>

Pin 1:
- L Brown (16AWG / 1.3 mm2)
- N Blue (16AWG)
- G Yellow/Green (16AWG)
- 1 Braid DMX Common/Shield
- 2 Red (26AWG / 0.13 mm2) DMX Data-
- 3 Grey (26AWG) DMX Data+
- 4 Green (26AWG) Data2-
- 5 White (26AWG) Data2+

Pin 2:
- L Brown (16AWG / 1.3 mm2)
- N Blue (16AWG)
- G Yellow/Green (16AWG)
- 1 Braid DMX Common/Shield
- 2 Red (26AWG / 0.13 mm2) DMX Data-
- 3 Grey (26AWG) DMX Data+
- 4 Green (26AWG) Data2-
- 5 White (26AWG) Data2+
**Note:**
- Ingress Protection: IP67
- Working Voltage: 300VAC
- Working Current: 13A power / 1.5A data
- Conductor Resistance Power Wires: <14.7 ohm / km
- Conductor Resistance Data Wires: <150 ohm / km
- Overvoltage Withstand Power Wires: 1800VAC/1 min
- Temperature Range: -22°F to +176°F
- Sunlight Resistant
- Connector Insert: PBT Plastic Yellow
- Connector Contacts: Gold Plated Brass
- Connector Overmould: TPU Plastic Black
- Connector O-ring: Silicon
- Cable: 16AWG X 3C + (26AWG X 2P + Al / Mylar + Braid)
- Cable Jacket: PVC sunlight resistant
- Minimum Bending Radius: 60mm
- RoHS & REACH compliant
- UL approved (UL21996)

General Technical Specification apply to this item

**Drawing applies to:**
- 91611759 EXTENSION CABLE, 0.2 M, US
- 91611761 EXTENSION CABLE, 1 M, US
- 91611763 EXTENSION CABLE, 5 M, US
- 91611765 EXTENSION CABLE, 10 M, US

**Pin Out**

<table>
<thead>
<tr>
<th>Pin</th>
<th>No.</th>
<th>Wire Color</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>L</td>
<td>Brown (16AWG / 1.3 mm2)</td>
<td>Live</td>
</tr>
<tr>
<td>2</td>
<td>N</td>
<td>Black (16AWG)</td>
<td>Neutral</td>
</tr>
<tr>
<td>3</td>
<td>G</td>
<td>Yellow/Green (16AWG)</td>
<td>Earth</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>Red (26AWG / 0.13 mm2)</td>
<td>DMX Data-</td>
</tr>
<tr>
<td>5</td>
<td>2</td>
<td>Grey (26AWG)</td>
<td>DMX Data+</td>
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<tr>
<td>6</td>
<td>3</td>
<td>Green (26AWG)</td>
<td>Data2-</td>
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<tr>
<td>7</td>
<td>4</td>
<td>White (26AWG)</td>
<td>Data2+</td>
</tr>
<tr>
<td>Conn1.</td>
<td>Wire Color</td>
<td>Function</td>
<td>Conn2.</td>
</tr>
</tbody>
</table>

**DMX Common/Shield**

<table>
<thead>
<tr>
<th>Pin</th>
<th>No.</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>L</td>
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<td>2</td>
<td>N</td>
<td>Neutral</td>
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<tr>
<td>3</td>
<td>G</td>
<td>Earth</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>DMX Data-</td>
</tr>
<tr>
<td>5</td>
<td>2</td>
<td>DMX Data+</td>
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<tr>
<td>6</td>
<td>3</td>
<td>Data2-</td>
</tr>
<tr>
<td>7</td>
<td>4</td>
<td>Data2+</td>
</tr>
</tbody>
</table>

**Material**
- General linear tolerance
- General angular tolerance
- Item to be

**ROHS**
- Restriction of Hazardous Substances
- All materials used in this part must be ROHS compliant
- Supplier shall provide a certificate of ROHS compliance with the first article

**Title**
- US extension cables - Exterior Linear
**Note:**
- Ingress Protection: IP67
- Working Voltage: 300VAC
- Working Current: 13A power / 1.5A data
- Conductor Resistance Power Wires: <14.6 ohm / km
- Conductor Resistance Data Wires: <140 ohm / km
- Overvoltage Withstand Power Wires: 1600VAC/1 min
- Temperature Range: -30°C to +80°C
- Sunlight Resistant
- Connector Insert: PBT Plastic Yellow
- Connector Contacts: Gold Plated Brass
- Connector Overmould: TPU Plastic Black
- Connector O-ring: Silicone
- Cable: 16AWG X 3C + (26AWG X 2P + Al / Mylar + Braid)
- Cable Jacket: EPDM Rubber sunlight resistant
- Minimum Bending Radius: 60mm
- RoHS & REACH compliant
- CE compliant

**Drawing applies to:**
- 91611754 LEAD-IN CABLE, 2 M, EU
- 91611156 LEAD-IN CABLE, 10 M, EU

---

**Pin Out**

<table>
<thead>
<tr>
<th>Conn1.</th>
<th>Wire Color</th>
<th>Function</th>
<th>Conn2.</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>Brown (16AWG / 1.3 mm2)</td>
<td>Live</td>
<td>L</td>
</tr>
<tr>
<td>N</td>
<td>Blue (16AWG)</td>
<td>Neutral</td>
<td>N</td>
</tr>
<tr>
<td>G</td>
<td>Yellow/Green (16AWG)</td>
<td>Earth</td>
<td>G</td>
</tr>
<tr>
<td>1</td>
<td>Red (26AWG / 0.13 mm2)</td>
<td>DMX Common/Shield</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>Grey (26AWG)</td>
<td>DMX Data-</td>
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</tr>
<tr>
<td>3</td>
<td>Green (26AWG)</td>
<td>DMX Data+</td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>White (26AWG)</td>
<td>Data2-</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>Data2+</td>
<td>5</td>
</tr>
</tbody>
</table>

---

**Material**
- General linear tolerance
- General angular tolerance
- Item to be

---

**ROHS**
- RESTRICTION OF HAZARDOUS SUBSTANCES
- ALL MATERIALS USED IN THIS PART MUST BE ROHS COMPLIANT.
- SUPPLIER SHALL PROVIDE A CERTIFICATE OF ROHS COMPLIANCE WITH THE FIRST ARTICLE.

---

**Title:** EU lead-in cables - Exterior Linear
**Note:**
- Ingress Protection: IP67
- Working Voltage: 300VAC
- Working Current: 13A power / 1.5A data
- Conductor Resistance Power Wires: <14.7 ohm / km
- Conductor Resistance Data Wires: <150 ohm / km
- Overvoltage Withstand Power Wires: 1800VAC/1 min
- Temperature Range: -22°F to +176°F
- Sunlight Resistant
- Connector Insert: PBT Plastic Yellow
- Connector Contacts: Gold Plated Brass
- Connector O-ring: Silicon
- Cable: 16AWG X 3C + (26AWG X 2P + Al / Mylar + Braid)
- Cable Jacket: PVC sunlight resistant
- Minimum Bending Radius: 60mm
- RoHS & REACH compliant
- UL approved (UL21996)

**Drawing applies to:**
- 91611755 LEAD-IN CABLE, 2 M, US
- 91611157 LEAD-IN CABLE, 10 M, US

**Material**

<table>
<thead>
<tr>
<th>Material</th>
<th>Color</th>
<th>General linear tolerance</th>
<th>General angular tolerance</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>L Brown (16AWG / 1.3 mm2)</td>
<td>Live</td>
<td>Item to be</td>
<td>Item to be</td>
<td>Conn1.</td>
</tr>
<tr>
<td>N Black (16AWG)</td>
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<td>Item to be</td>
<td>Item to be</td>
<td>Conn2.</td>
</tr>
<tr>
<td>G Yellow/Green (16AWG)</td>
<td>Earth</td>
<td>Item to be</td>
<td>Item to be</td>
<td></td>
</tr>
<tr>
<td>1 Braid</td>
<td>DMX Common/Shield</td>
<td>Item to be</td>
<td>Item to be</td>
<td></td>
</tr>
<tr>
<td>2 Red (26AWG / 0.13 mm2)</td>
<td>DMX Data+</td>
<td>Item to be</td>
<td>Item to be</td>
<td></td>
</tr>
<tr>
<td>3 Grey (26AWG)</td>
<td>Data2-</td>
<td>Item to be</td>
<td>Item to be</td>
<td></td>
</tr>
<tr>
<td>4 Green (26AWG)</td>
<td>Data2+</td>
<td>Item to be</td>
<td>Item to be</td>
<td></td>
</tr>
<tr>
<td>5 White (26AWG)</td>
<td>Data2+</td>
<td>Item to be</td>
<td>Item to be</td>
<td></td>
</tr>
</tbody>
</table>

**Pin Out**

<table>
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</tr>
<tr>
<td>White</td>
<td>Data2+</td>
</tr>
</tbody>
</table>

**Dimensional Notes**

- All materials used in this part must be RoHS compliant.
- Supplied shall provide a certificate of RoHS compliance with the first article.

**RoHS**

Restriction of Hazardous Substances (RoHS) applies to the overall definition of part geometry for overall definition of part geometry.
Note:
- Ingress Protection: IP67
- Temperature Range: -30°C to +80°C (-22°F to +176°F)
- Sunlight Resistant
- Connector Insert: PBT Plastic Yellow
- Connector Contacts: Gold Plated Brass
- Connector Overmould: TPU Plastic Black
- Connector O-ring: Silicon
- Resistor: Metal film, 120 ohm, 1/4W
- RoHS & REACH compliant
- CE compliant

Drawing applies to:
- 91611766 END TERMINATION CAP

Material
- General linear tolerance
- General angular tolerance
- Color

ROHS
- Restriction of Hazardous Substances
  All materials used in this part must be RoHS compliant.
  Suppliers shall provide a certificate of RoHS compliance with the first article.

P1 Wirelist

2 ----------------------- Resistor

3 -----------------------

Dimensions shown are for reference and inspection only. Refer to CAD model provided with this drawing for overall definition of part geometry.

End termination cap - Exterior Linear