POLARIS™
Pre-Insulated Connectors
Multi-Conductor Connector, One Side Wire Entry
IPL Series

**FEATURES**
- Wire entry ports on one side only.
- Eliminates the need for cover and taping.
- Insulated with high-dielectric strength plastisol.
- Molded for precise fit and supplied with removable access plugs over the hex screws.
- Abrasion and chemical resistant.
- UV resistant.
- Will not support combustion.

**SPECIFICATIONS**
- UL Listed 486B Wire Connector (Dry location).
- Temperature Rating/Voltage: AL9CU.
  Cold temperature rated to -45 °C, rated 600V, 90 °C.
- Wire Type: Dual rated for use with copper and/or aluminum cables. Not for fine-stranded, flexible wire.
- Torque Chart: See page 34.

**CAT. NO.** | **NO. OF PORTS** | **WIRE RANGE** | **LENGTH (L) (IN.)** | **WIDTH (W) (IN.)** | **HEIGHT (H) (IN.)** | **MAX. TORQUE VALUE (IN./LBS.)** | **HEX/WRENCH SIZE (IN.)** | **STD. CTN. QTY.**
--- | --- | --- | --- | --- | --- | --- | --- | ---
IPL4-3 | 3 | 4-14 AWG | 1.550 | 1.188 | 1.375 | 45 | Slotted | 12
IPL4-3A | 3 | 4-14 AWG | 1.550 | 1.188 | 1.375 | 45 | 1/8 | 12
IPL4-4 | 4 | 4-14 AWG | 1.970 | 1.188 | 1.375 | 45 | Slotted | 6
IPL4-4A | 4 | 4-14 AWG | 1.970 | 1.188 | 1.375 | 45 | 1/8 | 6
IPL4-5 | 5 | 4-14 AWG | 2.390 | 1.188 | 1.375 | 45 | Slotted | 6
IPL4-6 | 6 | 4-14 AWG | 2.810 | 1.188 | 1.375 | 45 | Slotted | 6
IPL4-8 | 8 | 4-14 AWG | 3.660 | 1.188 | 1.375 | 45 | Slotted | 4
IPL4-8A | 8 | 4-14 AWG | 3.660 | 1.188 | 1.375 | 45 | 1/8 | 4
IPL4-10 | 10 | 4-14 AWG | 4.500 | 1.188 | 1.375 | 45 | Slotted | 4
IPL4-12 | 12 | 4-14 AWG | 5.100 | 1.188 | 1.375 | 45 | Slotted | 2
IPL4-14 | 14 | 4-14 AWG | 6.180 | 1.188 | 1.375 | 180 | Slotted | 2
IPL/L-3 | 3 | 1/0-14 AWG | 2.240 | 1.500 | 1.688 | 180 | 3/16 | 6
IPL/L-4 | 4 | 1/0-14 AWG | 2.890 | 1.500 | 1.688 | 180 | 3/16 | 6
IPL/L-5 | 5 | 1/0-14 AWG | 3.540 | 1.500 | 1.688 | 180 | 3/16 | 6
IPL/L-6 | 6 | 1/0-14 AWG | 4.190 | 1.500 | 1.688 | 180 | 3/16 | 4
IPL/L-8 | 8 | 1/0-14 AWG | 5.490 | 1.500 | 1.688 | 180 | 3/16 | 4
IPL/L-10 | 10 | 1/0-14 AWG | 6.820 | 1.500 | 1.688 | 180 | 3/16 | 3
IPL/L-12 | 12 | 1/0-14 AWG | 8.120 | 1.500 | 1.688 | 180 | 3/16 | 2
IPL/L-14 | 14 | 1/0-14 AWG | 9.420 | 1.500 | 1.688 | 250 | 3/16 | 2
IPL/3-03 | 3 | 3/0-6 AWG | 2.630 | 1.600 | 1.800 | 250 | 5/16 | 6
IPL/3-04 | 4 | 3/0-6 AWG | 3.410 | 1.600 | 1.800 | 250 | 5/16 | 4
IPL/3-05 | 5 | 3/0-6 AWG | 4.190 | 1.600 | 1.800 | 250 | 5/16 | 4
IPL/3-06 | 6 | 3/0-6 AWG | 4.970 | 1.600 | 1.800 | 250 | 5/16 | 3
IPL/3-08 | 8 | 3/0-6 AWG | 6.530 | 1.600 | 1.800 | 250 | 5/16 | 3

Figure varies by number of wire ports.
**POLARIS™ Pre-Insulated Connectors**  
**Multi-Conductor Connector, One Side Wire Entry**  
**IPL Series Cont’d**

### FEATURES
- Wire entry ports on one side only.
- Eliminates the need for cover and taping.
- Insulated with high-dielectric strength plastisol.
- Molded for precise fit and supplied with removable access plugs over the hex screws.
- Abrasion and chemical resistant.
- UV resistant.
- Will not support combustion.

---

### SPECIFICATIONS
- UL Listed 486B Wire Connector (Dry location).
- Temperature Rating/Voltage: AL/9CU.
  Cold temperature rated to -45 °C, rated 600V, 90 °C.
- Wire Type: Dual rated for use with copper and/or aluminum cables. Not for fine-stranded, flexible wire.
- Torque Chart: 34.

---

**Figure varies by number of wire ports.**

---

<table>
<thead>
<tr>
<th>CAT. NO.</th>
<th>CERTIFICATION</th>
<th>NO. OF PORTS</th>
<th>WIRE RANGE</th>
<th>COPPER CONDUCTOR MAX. AMPS</th>
<th>ALUMINUM CONDUCTOR MAX. AMPS</th>
<th>LENGTH (L) (IN.)</th>
<th>WIDTH (W) (IN.)</th>
<th>HEIGHT (H) (IN.)</th>
<th>MAX. TORQUE VALUE (IN./LBS.)</th>
<th>HEX/WRENCH SIZE (IN.)</th>
<th>STD. CTN. QTY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>IPL250-3</td>
<td>cULus</td>
<td>3</td>
<td>250 MCM-6 AWG</td>
<td>–</td>
<td>–</td>
<td>2.930</td>
<td>2.030</td>
<td>2.180</td>
<td>360</td>
<td>5/16</td>
<td>6</td>
</tr>
<tr>
<td>IPL250-4*</td>
<td>cULus</td>
<td>4</td>
<td>250 MCM-6 AWG</td>
<td>527 A</td>
<td>410 A</td>
<td>3.800</td>
<td>2.030</td>
<td>2.180</td>
<td>360</td>
<td>5/16</td>
<td>4</td>
</tr>
<tr>
<td>IPL250-5</td>
<td>cULus</td>
<td>5</td>
<td>250 MCM-6 AWG</td>
<td>–</td>
<td>–</td>
<td>4.660</td>
<td>2.030</td>
<td>2.180</td>
<td>360</td>
<td>5/16</td>
<td>4</td>
</tr>
<tr>
<td>IPL250-6*</td>
<td>cULus</td>
<td>6</td>
<td>250 MCM-6 AWG</td>
<td>790 A</td>
<td>615 A</td>
<td>5.220</td>
<td>2.030</td>
<td>2.180</td>
<td>360</td>
<td>5/16</td>
<td>4</td>
</tr>
<tr>
<td>IPL250-8*</td>
<td>cULus</td>
<td>8</td>
<td>250 MCM-6 AWG</td>
<td>1053 A</td>
<td>820 A</td>
<td>7.240</td>
<td>2.030</td>
<td>2.180</td>
<td>360</td>
<td>5/16</td>
<td>4</td>
</tr>
<tr>
<td>IPL350-3</td>
<td>cULus</td>
<td>3</td>
<td>350 MCM-6 AWG</td>
<td>–</td>
<td>–</td>
<td>3.470</td>
<td>2.130</td>
<td>2.460</td>
<td>400</td>
<td>5/16</td>
<td>3</td>
</tr>
<tr>
<td>IPL350-4*</td>
<td>cULus</td>
<td>4</td>
<td>350 MCM-6 AWG</td>
<td>657 A</td>
<td>514 A</td>
<td>4.540</td>
<td>2.130</td>
<td>2.460</td>
<td>400</td>
<td>5/16</td>
<td>3</td>
</tr>
<tr>
<td>IPL350-5</td>
<td>cULus</td>
<td>5</td>
<td>350 MCM-6 AWG</td>
<td>–</td>
<td>–</td>
<td>5.570</td>
<td>2.130</td>
<td>2.460</td>
<td>400</td>
<td>5/16</td>
<td>2</td>
</tr>
<tr>
<td>IPL350-6*</td>
<td>cULus</td>
<td>6</td>
<td>350 MCM-6 AWG</td>
<td>985 A</td>
<td>770 A</td>
<td>6.620</td>
<td>2.130</td>
<td>2.460</td>
<td>400</td>
<td>5/16</td>
<td>2</td>
</tr>
<tr>
<td>IPL350-8*</td>
<td>cULus</td>
<td>8</td>
<td>350 MCM-6 AWG</td>
<td>1314 A</td>
<td>1028 A</td>
<td>7.230</td>
<td>2.130</td>
<td>2.500</td>
<td>2.940</td>
<td>450</td>
<td>5/16</td>
</tr>
<tr>
<td>IPL500-3</td>
<td>cULus</td>
<td>3</td>
<td>500 MCM-4 AWG</td>
<td>–</td>
<td>–</td>
<td>3.960</td>
<td>2.500</td>
<td>2.940</td>
<td>450</td>
<td>5/16</td>
<td>2</td>
</tr>
<tr>
<td>IPL500-4*</td>
<td>cULus</td>
<td>4</td>
<td>500 MCM-4 AWG</td>
<td>806 A</td>
<td>631 A</td>
<td>5.100</td>
<td>2.500</td>
<td>2.940</td>
<td>450</td>
<td>5/16</td>
<td>2</td>
</tr>
<tr>
<td>IPL500-5</td>
<td>cULus</td>
<td>5</td>
<td>500 MCM-4 AWG</td>
<td>–</td>
<td>–</td>
<td>6.250</td>
<td>2.500</td>
<td>2.940</td>
<td>450</td>
<td>5/16</td>
<td>2</td>
</tr>
<tr>
<td>IPL500-6*</td>
<td>cULus</td>
<td>6</td>
<td>500 MCM-4 AWG</td>
<td>1209 A</td>
<td>946 A</td>
<td>7.400</td>
<td>2.500</td>
<td>2.940</td>
<td>450</td>
<td>5/16</td>
<td>2</td>
</tr>
<tr>
<td>IPL500-7</td>
<td>cULus</td>
<td>7</td>
<td>500 MCM-4 AWG</td>
<td>–</td>
<td>–</td>
<td>8.590</td>
<td>2.500</td>
<td>2.940</td>
<td>450</td>
<td>5/16</td>
<td>2</td>
</tr>
<tr>
<td>IPL500-8*</td>
<td>cULus</td>
<td>8</td>
<td>500 MCM-4 AWG</td>
<td>1612 A</td>
<td>1262 A</td>
<td>9.690</td>
<td>2.500</td>
<td>2.940</td>
<td>450</td>
<td>5/16</td>
<td>2</td>
</tr>
<tr>
<td>IPL600-3</td>
<td>cULus</td>
<td>3</td>
<td>600 MCM-4 AWG</td>
<td>–</td>
<td>–</td>
<td>4.470</td>
<td>2.710</td>
<td>3.020</td>
<td>550</td>
<td>5/16</td>
<td>2</td>
</tr>
<tr>
<td>IPL600-4*</td>
<td>cULus</td>
<td>4</td>
<td>600 MCM-4 AWG</td>
<td>1035 A</td>
<td>810 A</td>
<td>5.770</td>
<td>2.710</td>
<td>3.020</td>
<td>550</td>
<td>5/16</td>
<td>2</td>
</tr>
<tr>
<td>IPL600-5</td>
<td>cULus</td>
<td>5</td>
<td>600 MCM-4 AWG</td>
<td>–</td>
<td>–</td>
<td>7.800</td>
<td>3.090</td>
<td>3.490</td>
<td>550</td>
<td>3/8</td>
<td>1</td>
</tr>
<tr>
<td>IPL600-6*</td>
<td>cULus</td>
<td>6</td>
<td>600 MCM-4 AWG</td>
<td>–</td>
<td>–</td>
<td>9.230</td>
<td>3.090</td>
<td>3.490</td>
<td>550</td>
<td>3/8</td>
<td>1</td>
</tr>
</tbody>
</table>

*An “Industry First” by providing a UL Listed 486A/B connector with code compliant and UL Listed maximum ampacity for Copper and Aluminum parallel conductors.*