

POLARIS™

Pre-Insulated Connectors

Multi-Conductor Connector, One Side Wire Entry IPL Series



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.

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.

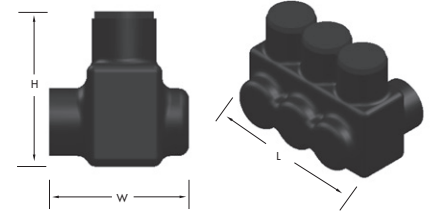


Figure varies by number of wire ports.

| 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 |
| IPL1/0-3 | 3 | 1/0-14 AWG | 2.240 | 1.500 | 1.688 | 180 | 3/16 | 6 |
| IPL1/0-4 | 4 | 1/0-14 AWG | 2.890 | 1.500 | 1.688 | 180 | 3/16 | 6 |
| IPL1/0-5 | 5 | 1/0-14 AWG | 3.540 | 1.500 | 1.688 | 180 | 3/16 | 6 |
| IPL1/0-6 | 6 | 1/0-14 AWG | 4.190 | 1.500 | 1.688 | 180 | 3/16 | 4 |
| IPL1/0-8 | 8 | 1/0-14 AWG | 5.490 | 1.500 | 1.688 | 180 | 3/16 | 4 |
| IPL1/0-10 | 10 | 1/0-14 AWG | 6.820 | 1.500 | 1.688 | 180 | 3/16 | 3 |
| IPL1/0-12 | 12 | 1/0-14 AWG | 8.120 | 1.500 | 1.688 | 180 | 3/16 | 2 |
| IPL1/0-14 | 14 | 1/0-14 AWG | 9.420 | 1.500 | 1.688 | 250 | 3/16 | 2 |
| IPL3/0-3 | 3 | 3/0-6 AWG | 2.630 | 1.600 | 1.800 | 250 | 5/16 | 6 |
| IPL3/0-4 | 4 | 3/0-6 AWG | 3.410 | 1.600 | 1.800 | 250 | 5/16 | 4 |
| IPL3/0-5 | 5 | 3/0-6 AWG | 4.190 | 1.600 | 1.800 | 250 | 5/16 | 4 |
| IPL3/0-6 | 6 | 3/0-6 AWG | 4.970 | 1.600 | 1.800 | 250 | 5/16 | 3 |
| IPL3/0-8 | 8 | 3/0-6 AWG | 6.530 | 1.600 | 1.800 | 250 | 5/16 | 3 |

POLARIS™

Pre-Insulated Connectors

Multi-Conductor Connector, One Side Wire Entry IPL Series



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.

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.

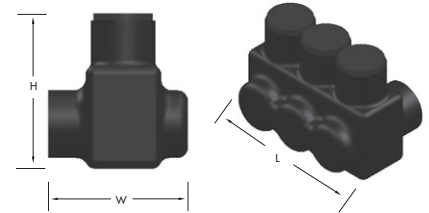


Figure varies by number of wire ports.

| 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 |
| IPL1/0-3 | 3 | 1/0-14 AWG | 2.240 | 1.500 | 1.688 | 180 | 3/16 | 6 |
| IPL1/0-4 | 4 | 1/0-14 AWG | 2.890 | 1.500 | 1.688 | 180 | 3/16 | 6 |
| IPL1/0-5 | 5 | 1/0-14 AWG | 3.540 | 1.500 | 1.688 | 180 | 3/16 | 6 |
| IPL1/0-6 | 6 | 1/0-14 AWG | 4.190 | 1.500 | 1.688 | 180 | 3/16 | 4 |
| IPL1/0-8 | 8 | 1/0-14 AWG | 5.490 | 1.500 | 1.688 | 180 | 3/16 | 4 |
| IPL1/0-10 | 10 | 1/0-14 AWG | 6.820 | 1.500 | 1.688 | 180 | 3/16 | 3 |
| IPL1/0-12 | 12 | 1/0-14 AWG | 8.120 | 1.500 | 1.688 | 180 | 3/16 | 2 |
| IPL1/0-14 | 14 | 1/0-14 AWG | 9.420 | 1.500 | 1.688 | 250 | 3/16 | 2 |
| IPL3/0-3 | 3 | 3/0-6 AWG | 2.630 | 1.600 | 1.800 | 250 | 5/16 | 6 |
| IPL3/0-4 | 4 | 3/0-6 AWG | 3.410 | 1.600 | 1.800 | 250 | 5/16 | 4 |
| IPL3/0-5 | 5 | 3/0-6 AWG | 4.190 | 1.600 | 1.800 | 250 | 5/16 | 4 |
| IPL3/0-6 | 6 | 3/0-6 AWG | 4.970 | 1.600 | 1.800 | 250 | 5/16 | 3 |
| IPL3/0-8 | 8 | 3/0-6 AWG | 6.530 | 1.600 | 1.800 | 250 | 5/16 | 3 |