

# POLARIS™ Uninsulated Multi-Cable Connectors PL SERIES



## FEATURES

- Connectors are made from 6061-T6 aluminum alloy and are plated for corrosion resistance.
- Stocked in one hole increments up to 14 holes
- Suitable for use on wire from #4 AWG to 750 MCM.

## RATINGS



UL Listed 486B Wire Connector.

### TEMPERATURE RATING/VOLTAGE:

AL9CU. Rated 600V, 90 °C.

### WIRE TYPE:

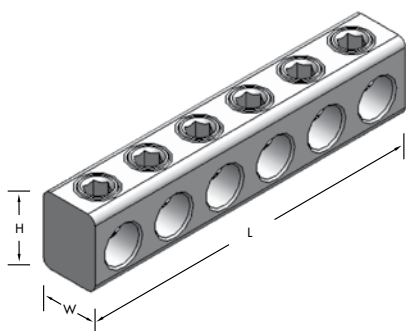
Dual rated for use with copper and/or aluminum cables. Not recommended for fine-stranded, flexible wire.

All dimensional data is listed in inches.

| CAT. NO.        | NO. OF PORTS |
|-----------------|--------------|
| <b>PL4-2</b>    | 2            |
| <b>PL4-3</b>    | 3            |
| <b>PL4-4</b>    | 4            |
| <b>PL4-5</b>    | 5            |
| <b>PL4-6</b>    | 6            |
| <b>PL4-8</b>    | 8            |
| <b>PL4-10</b>   | 10           |
| <b>PL4-14</b>   | 14           |
| <b>PL1/O-2</b>  | 2            |
| <b>PL1/O-3</b>  | 3            |
| <b>PL1/O-4</b>  | 4            |
| <b>PL1/O-5</b>  | 5            |
| <b>PL1/O-6</b>  | 6            |
| <b>PL1/O-7</b>  | 7            |
| <b>PL1/O-8</b>  | 8            |
| <b>PL1/O-10</b> | 10           |
| <b>PL1/O-14</b> | 14           |
| <b>PL3/O-3</b>  | 3            |
| <b>PL3/O-4</b>  | 4            |
| <b>PL3/O-5</b>  | 5            |
| <b>PL3/O-6</b>  | 6            |
| <b>PL3/O-7</b>  | 7            |
| <b>PL3/O-8</b>  | 8            |
| <b>PL3/O-9</b>  | 9            |
| <b>PL3/O-10</b> | 10           |
| <b>PL3/O-12</b> | 12           |
| <b>PL3/O-14</b> | 14           |
| <b>PL250-2</b>  | 2            |
| <b>PL250-3</b>  | 3            |
| <b>PL250-4</b>  | 4            |
| <b>PL250-5</b>  | 5            |
| <b>PL250-6</b>  | 6            |
| <b>PL250-7</b>  | 7            |
| <b>PL250-8</b>  | 8            |



| WIRE RANGE    | LENGTH (L) | WIDTH (W) | HEIGHT (H) | TORQUE VALUE (IN./LBS.) | HEX SIZE | STD. CTN. QTY. |
|---------------|------------|-----------|------------|-------------------------|----------|----------------|
| 4-14 AWG      | 0.880      | 0.500     | 0.630      | 45                      | Slotted  | 12             |
| 4-14 AWG      | 1.300      | 0.500     | 0.630      | 45                      | Slotted  | 12             |
| 4-14 AWG      | 1.730      | 0.500     | 0.630      | 45                      | Slotted  | 12             |
| 4-14 AWG      | 2.150      | 0.500     | 0.630      | 45                      | Slotted  | 6              |
| 4-14 AWG      | 2.570      | 0.500     | 0.630      | 45                      | Slotted  | 6              |
| 4-14 AWG      | 3.410      | 0.500     | 0.630      | 45                      | Slotted  | 6              |
| 4-14 AWG      | 4.260      | 0.500     | 0.630      | 45                      | Slotted  | 4              |
| 4-14 AWG      | 5.960      | 0.500     | 0.630      | 45                      | Slotted  | 2              |
| 1/0-14 AWG    | 1.350      | 0.630     | 0.880      | 180                     | 3/16     | 12             |
| 1/0-14 AWG    | 2.000      | 0.630     | 0.880      | 180                     | 3/16     | 12             |
| 1/0-14 AWG    | 2.650      | 0.630     | 0.880      | 180                     | 3/16     | 12             |
| 1/0-14 AWG    | 3.300      | 0.630     | 0.880      | 180                     | 3/16     | 6              |
| 1/0-14 AWG    | 3.950      | 0.630     | 0.880      | 180                     | 3/16     | 6              |
| 1/0-14 AWG    | 4.610      | 0.630     | 0.880      | 180                     | 3/16     | 6              |
| 1/0-14 AWG    | 5.250      | 0.630     | 0.880      | 180                     | 3/16     | 6              |
| 1/0-14 AWG    | 6.550      | 0.630     | 0.880      | 180                     | 3/16     | 4              |
| 1/0-14 AWG    | 9.150      | 0.630     | 0.880      | 180                     | 3/16     | 2              |
| 3/0-6 AWG     | 2.380      | 0.690     | 0.940      | 250                     | 1/4      | 6              |
| 3/0-6 AWG     | 3.160      | 0.690     | 0.940      | 250                     | 1/4      | 6              |
| 3/0-6 AWG     | 3.940      | 0.690     | 0.940      | 250                     | 1/4      | 6              |
| 3/0-6 AWG     | 4.720      | 0.690     | 0.940      | 250                     | 1/4      | 6              |
| 3/0-6 AWG     | 5.490      | 0.690     | 0.940      | 250                     | 1/4      | 6              |
| 3/0-6 AWG     | 6.280      | 0.690     | 0.940      | 250                     | 1/4      | 6              |
| 3/0-6 AWG     | 7.050      | 0.690     | 0.940      | 250                     | 1/4      | 4              |
| 3/0-6 AWG     | 7.840      | 0.690     | 0.940      | 250                     | 1/4      | 4              |
| 3/0-6 AWG     | 9.400      | 0.690     | 0.940      | 250                     | 1/4      | 3              |
| 3/0-6 AWG     | 10.960     | 0.690     | 0.940      | 250                     | 1/4      | 2              |
| 250 MCM-6 AWG | 1.820      | 0.880     | 1.130      | 360                     | 5/16     | 6              |
| 250 MCM-6 AWG | 2.680      | 0.880     | 1.130      | 360                     | 5/16     | 6              |
| 250 MCM-6 AWG | 3.550      | 0.880     | 1.130      | 360                     | 5/16     | 6              |
| 250 MCM-6 AWG | 4.410      | 0.880     | 1.130      | 360                     | 5/16     | 6              |
| 250 MCM-6 AWG | 5.270      | 0.880     | 1.130      | 360                     | 5/16     | 6              |
| 250 MCM-6 AWG | 6.140      | 0.880     | 1.130      | 360                     | 5/16     | 6              |
| 250 MCM-6 AWG | 6.990      | 0.880     | 1.130      | 360                     | 5/16     | 6              |



POLARIS™

## Uninsulated Multi-Cable Connectors

PL SERIES CONT'D



### FEATURES

- Connectors are made from 6061-T6 aluminum alloy and are plated for corrosion resistance.
- Stocked in one hole increments up to 14 holes
- Suitable for use on wire from #4 AWG to 750 MCM.

### RATINGS



UL Listed 486B Wire Connector.

#### TEMPERATURE RATING/VOLTAGE:

AL9CU. Rated 600V, 90 °C.

#### WIRE TYPE:

Dual rated for use with copper and/or aluminum cables. Not recommended for fine-stranded, flexible wire.

All dimensional data is listed in inches.

| CAT. NO. | NO. OF PORTS |
|----------|--------------|
| PL250-9  | 9            |
| PL250-10 | 10           |
| PL250-11 | 11           |
| PL250-12 | 12           |
| PL350-3  | 3            |
| PL350-4  | 4            |
| PL350-6  | 6            |
| PL350-8  | 8            |
| PL350-10 | 10           |
| PL500-4  | 4            |
| PL500-6  | 6            |
| PL500-7  | 7            |
| PL500-8  | 8            |
| PL500-9  | 9            |
| PL500-10 | 10           |
| PL750-3  | 3            |
| PL750-4  | 4            |
| PL750-6  | 6            |
| PL750-8  | 8            |



| WIRE RANGE    | LENGTH (L) | WIDTH (W) | HEIGHT (H) | TORQUE VALUE (IN./LBS.) | HEX SIZE | STD. CTN. QTY. |
|---------------|------------|-----------|------------|-------------------------|----------|----------------|
| 250 MCM-6 AWG | 7.860      | 0.880     | 1.130      | 360 IN/LBS              | 5/16     | 4              |
| 250 MCM-6 AWG | 8.720      | 0.880     | 1.130      | 360 IN/LBS              | 5/16     | 4              |
| 250 MCM-6 AWG | 9.580      | 0.880     | 1.130      | 360 IN/LBS              | 5/16     | 3              |
| 250 MCM-6 AWG | 10.450     | 0.880     | 1.130      | 360 IN/LBS              | 5/16     | 3              |
| 350 MCM-6 AWG | 3.220      | 1.000     | 1.440      | 400 IN/LBS              | 5/16     | 6              |
| 350 MCM-6 AWG | 4.270      | 1.000     | 1.440      | 400 IN/LBS              | 5/16     | 6              |
| 350 MCM-6 AWG | 6.370      | 1.000     | 1.440      | 400 IN/LBS              | 5/16     | 6              |
| 350 MCM-6 AWG | 8.470      | 1.000     | 1.440      | 400 IN/LBS              | 5/16     | 4              |
| 350 MCM-6 AWG | 10.570     | 1.000     | 1.440      | 400 IN/LBS              | 5/16     | 2              |
| 500 MCM-4 AWG | 4.860      | 1.130     | 1.630      | 450 IN/LBS              | 5/16     | 4              |
| 500 MCM-4 AWG | 7.145      | 1.130     | 1.630      | 450 IN/LBS              | 5/16     | 3              |
| 500 MCM-4 AWG | 8.280      | 1.130     | 1.630      | 450 IN/LBS              | 5/16     | 3              |
| 500 MCM-4 AWG | 9.440      | 1.130     | 1.630      | 450 IN/LBS              | 5/16     | 3              |
| 500 MCM-4 AWG | 10.570     | 1.130     | 1.630      | 450 IN/LBS              | 5/16     | 2              |
| 500 MCM-4 AWG | 11.730     | 1.130     | 1.630      | 450 IN/LBS              | 5/16     | 2              |
| 750-250 MCM   | 4.570      | 1.440     | 2.000      | 550 IN/LBS              | 3/8      | 3              |
| 750-250 MCM   | 6.000      | 1.440     | 2.000      | 550 IN/LBS              | 3/8      | 3              |
| 750-250 MCM   | 8.850      | 1.440     | 2.000      | 550 IN/LBS              | 3/8      | 2              |
| 750-250 MCM   | 11.700     | 1.440     | 2.000      | 550 IN/LBS              | 3/8      | 1              |

