

WP91412[®] Connectors

The WP91412 Connectors are one-hole or two-hole, tubular compression-type terminators. They are available in straight, 45° bend, or 90° bend configurations and are intended for use with copper power wire sizes ranging from 14 AWG to 750 kCMil.

They can be used with flexible power wires classified as Class I stranding and standard Class B stranding.

High Conductivity

The connectors are fabricated using seamless, electrolytic wrought copper for excellent conductivity and reliability; electro-tin plating helps preserve connector integrity and also prevents corrosion.

In addition, the connectors are specified for extra margins of safety to minimize the risk of overheating.

Easy, Accurate Installation

Intended for use in power equipment and central office power system installations, WP91412 Connectors are designed to be installed using UL*- or CSA†-approved compression tools and dies (as necessary). The economical, standard length barrel is ideal for space-restrictive applications.

To help reduce the incidence of errors and ensure proper installation, a color-coding scheme matches terminal and die sets to provide the correct number and location of crimps. Color-coded barrels are matched with Class I and Class B stranding, which are UL-listed with tooling, as indicated by the specification.



The reliable, high-strength WP91412 Connectors are designed for use with standard and flexible stranded power wire used in power equipment or central office applications.

Benefits

- Provides highly reliable electromechanical connections for high-energy applications
- Minimizes the risk of overheating
- Designed for fast, simplified, error-free installation
- Ensures high quality through strict testing and qualification procedures
- Meets applicable Telcordia requirements
- UL-listed with Tyco KS power wires for Class I stranding and standard Class B stranding
- Suited for limited-space applications
- Compatible with UL- or CSA-approved crimp compression tools
- UL-listed with tooling identified in the power data sheets of the WP91412 specification

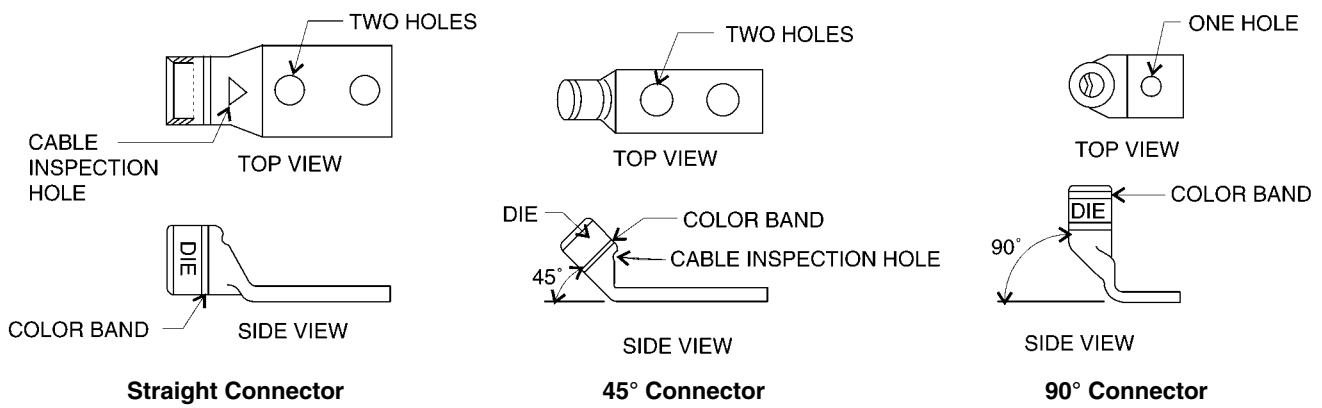
* UL is a registered trademark of Underwriters Laboratories, Inc.

† CSA is a registered trademark of the Canadian Standards Association.

Features

- High conductivity
- Seamless, electrolytic wrought copper construction
- Corrosion-resistant, electro-tin plating
- High-compression termination design
- Accurate color-coding scheme
- Economical, standard-length barrel
- Single or dual mounting holes
- Single or dual mounting holes
- Wire-seat inspection window
- Exceeds commercial and UL requirements
- Narrow tongue feature available in some sizes

Outline Drawings



Ordering Information

| List No. | Comcode | Stranded Class B Wire Size | Stranded Class I Wire Size | Bolt Size | Degree of Bend | Number of Holes | Center-to-Center Mounting Hole Dimensions (in.) | Tab Width (in.) |
|----------|-------------|----------------------------|----------------------------|-----------|----------------|-----------------|---|-----------------|
| L-93 | 406338145 | 14-10 | 14-10 | 8-10 | Straight | 1 | — | 0.36 |
| L-73 | 405356171 | 14-10 | 14-10 | 8-10 | Straight | 2 | 0.625 | 0.36 |
| L-96 | 406338178 | 14-10 | 14-10 | 8-10 | 90 | 1 | — | 0.36 |
| L-94 | 406338152 | 14-10 | 14-10 | 1/4 | Straight | 1 | — | 0.41 |
| L-199 | CC408611082 | 14-10 | 14-10 | 1/4 | Straight | 2 | 0.625 | 0.36 |
| L-97 | 406338186 | 14-10 | 14-10 | 1/4 | 90 | 1 | — | 0.41 |
| L-187 | 407890771 | 14-10 | 14-10 | 3/8 | Straight | 2 | 1.000 | 0.56 |
| L-98 | 406338194 | 8 | 8 | 8 | Straight | 1 | — | 0.45 |
| L-100 | 406332825 | 8 | 8 | 8 | Straight | 2 | 0.625 | 0.41 |
| L-1 | 405347402 | 8 | 8 | 10 | Straight | 1 | — | 0.39 |
| L-52 | 405348178 | 8 | 8 | 10 | Straight | 2 | 0.625 | 0.41 |
| L-14 | 405347766 | 8 | 8 | 10 | 45 | 1 | — | 0.39 |
| L-105 | 406338368 | 8 | 8 | 3/8 | Straight | 1 | — | 0.59 |
| L-102 | 406338269 | 8 | 8 | 3/8 | Straight | 2 | 1.000 | 0.59 |
| L-74 | 405356189 | 8 | 8 | 1/4 | Straight | 1 | — | 0.41 |
| L-75 | 406021626 | 8 | 8 | 1/4 | Straight | 2 | 0.625 | 0.41 |
| L-103 | 406338343 | 8 | 8 | 1/4 | Straight | 2 | 0.750 | 0.41 |
| L-101 | 406338244 | 8 | 8 | 1/4 | Straight | 2 | 1.000 | 0.41 |
| L-76 | 406021642 | 8 | 8 | 1/4 | 45 | 1 | — | 0.41 |
| L-195 | 408562986 | 8 | 8 | 1/4 | 45 | 2 | 0.625 | 0.41 |
| L-104 | 406338350 | 8 | 8 | 1/4 | 90 | 1 | — | 0.41 |
| L-99 | 406338210 | 8 | 8 | 5/16 | Straight | 1 | — | 0.45 |
| L-171 | 407334671 | 6 | 6 | 10 | Straight | 1 | — | 0.43 |
| L-108 | 406338400 | 6 | 6 | 10 | Straight | 2 | 0.625 | 0.43 |
| L-2 | 405347436 | 6 | 6 | 1/4 | Straight | 1 | — | 0.43 |
| L-3 | 405347519 | 6 | 6 | 1/4 | Straight | 2 | 0.625 | 0.42 |
| L-110 | 406338442 | 6 | 6 | 1/4 | Straight | 2 | 0.750 | 0.43 |
| L-109 | 406338426 | 6 | 6 | 1/4 | Straight | 2 | 1.000 | 0.43 |
| L-15 | 405347774 | 6 | 6 | 1/4 | 45 | 1 | — | 0.43 |
| L-113 | 406338467 | 6 | 6 | 1/4 | 45 | 2 | 1.000 | 0.43 |
| L-196 | 408562994 | 6 | 6 | 1/4 | 45 | 2 | 0.625 | 0.44 |
| L-112 | 406338459 | 6 | 6 | 1/4 | 90 | 1 | — | 0.43 |
| L-137 | 406434480 | 6 | 6 | 1/4 | 90 | 2 | 0.750 | 0.43 |
| L-106 | 406338376 | 6 | 6 | 5/16 | Straight | 1 | — | 0.59 |
| L-136 | 406434472 | 6 | 6 | 5/16 | 45 | 1 | — | 0.59 |
| L-107 | 406338392 | 6 | 6 | 3/8 | Straight | 1 | — | 0.59 |
| L-111 | 406332841 | 6 | 6 | 3/8 | Straight | 2 | 1.000 | 0.59 |

Ordering Information (continued)

| List No. | Comcode | Stranded Class B Wire Size | Stranded Class I Wire Size | Bolt Size | Degree of Bend | Number of Holes | Center-to-Center Mounting Hole Dimensions (in.) | Tab Width (in.) |
|----------|-----------|----------------------------------|----------------------------------|-----------|-------------------|--------------------|---|-----------------------|
| L-178 | 407813047 | 4 | 4 | 10 | Straight | 1 | — | 0.45 |
| L-4 | 405347543 | 4 | 4 | 1/4 | Straight | 1 | — | 0.55 |
| L-5 | 405347576 | 4 | 4 | 1/4 | Straight | 2 | 0.625 | 0.55 |
| L-117 | 406338574 | 4 | 4 | 1/4 | Straight | 2 | 0.750 | 0.55 |
| L-6 | 405347618 | 4 | 4 | 1/4 | 45 | 1 | — | 0.55 |
| L-197 | 408563002 | 4 | 4 | 1/4 | 45 | 2 | 0.625 | 0.55 |
| L-115 | 406338483 | 4 | 4 | 5/16 | Straight | 1 | — | 0.55 |
| L-118 | 406338582 | 4 | 4 | 5/16 | 45 | 1 | — | 0.55 |
| L-114 | 406338475 | 4 | 4 | 3/8 | Straight | 1 | — | 0.55 |
| L-116 | 406332940 | 4 | 4 | 3/8 | Straight | 2 | 1.000 | 0.55 |
| L-53 | 405348186 | 2 | — | 1/4 | Straight | 1 | — | 0.59 |
| L-54 | 405348202 | 2 | — | 1/4 | Straight | 2 | 0.625 | 0.59 |
| L-122 | 406338673 | 2 | — | 1/4 | Straight | 2 | 0.750 | 0.59 |
| L-16 | 405347782 | 2 | — | 1/4 | 45 | 1 | — | 0.59 |
| L-198 | 408563010 | 2 | — | 1/4 | 45 | 2 | 0.625 | 0.59 |
| L-119 | 406338616 | 2 | — | 5/16 | Straight | 1 | — | 0.59 |
| L-123 | 406338681 | 2 | — | 5/16 | 45 | 1 | — | 0.59 |
| L-120 | 406338640 | 2 | — | 3/8 | Straight | 1 | — | 0.59 |
| L-121 | 406338665 | 2 | — | 3/8 | Straight | 2 | 1.000 | 0.59 |
| L-124 | 406338699 | 2 | — | 3/8 | 45 | 2 | 1.000 | 0.59 |
| L-7 | 405347659 | — | 2 | 1/4 | Straight | 1 | — | 0.68 |
| L-8 | 405347683 | — | 2 | 1/4 | Straight | 2 | 0.625 | 0.68 |
| L-9 | 405347709 | — | 2 | 1/4 | 45 | 1 | — | 0.68 |
| L-172 | 407334697 | — | 2 | 5/16 | Straight | 1 | — | 0.68 |
| L-176 | 407726041 | — | 2 | 3/8 | Straight | 2 | 1.000 | 0.68 |
| L-193 | 408210524 | — | 2 | 1/4 | 45 | 2 | 0.625 | 0.68 |
| L-194 | 408385524 | — | 2 | 1/4 | Straight | 1 | — | 0.68 |
| L-125 | 406338707 | 1/0 | — | 1/4 | Straight | 1 | — | 0.74 |
| L-179 | 407817568 | 1/0 | — | 1/4 | Straight | 2 | 0.625 | 0.74 |
| L-126 | 406338715 | 1/0 | — | 1/4 | Straight | 2 | 0.750 | 0.74 |
| L-127 | 406338723 | 1/0 | — | 1/4 | 45 | 1 | — | 0.74 |
| L-139 | 406434506 | 1/0 | — | 1/4 | 45 | 2 | 0.750 | 0.74 |
| L-140 | 406434514 | 1/0 | — | 5/16 | Straight | 1 | — | 0.74 |
| L-128 | 406338731 | 1/0 | — | 5/16 | 45 | 1 | — | 0.74 |
| L-55 | 405348210 | 1/0 | — | 3/8 | Straight | 1 | — | 0.74 |
| L-56 | 405348228 | 1/0 | — | 3/8 | Straight | 2 | 1.000 | 0.74 |
| L-21 | 405347899 | 1/0 | — | 3/8 | 45 | 1 | — | 0.74 |
| L-22 | 405347865 | 1/0 | — | 3/8 | 90 | 1 | — | 0.74 |
| L-138 | 406434498 | 1/0 | — | 1/2 | Straight | 1 | — | 0.74 |

Ordering Information (continued)

| List No. | Comcode | Stranded Class B Wire Size | Stranded Class I Wire Size | Bolt Size | Degree of Bend | Number of Holes | Center-to-Center Mounting Hole Dimensions (in.) | Tab Width (in.) |
|----------|-----------|----------------------------|----------------------------|-----------|----------------|-----------------|---|-----------------|
| L-188 | 408018190 | 2/0 | 1/0 | 1/4 | Straight | 1 | — | 0.83 |
| L-180 | 407817550 | 2/0 | 1/0 | 1/4 | Straight | 2 | 0.625 | 0.83 |
| L-130 | 406338764 | 2/0 | 1/0 | 1/4 | Straight | 2 | 0.750 | 0.81 |
| L-129 | 406338822 | 2/0 | 1/0 | 5/16 | Straight | 1 | — | 0.81 |
| L-173 | 407334705 | 2/0 | 1/0 | 5/16 | Straight | 2 | 0.875 | 0.81 |
| L-13 | 405347758 | 2/0 | 1/0 | 5/16 | Straight | 2 | 1.000 | 0.81 |
| L-10 | 405347717 | 2/0 | 1/0 | 3/8 | Straight | 1 | — | 0.81 |
| L-57 | 405348236 | 2/0 | 1/0 | 3/8 | Straight | 2 | 1.000 | 0.81 |
| L-11 | 405347725 | 2/0 | 1/0 | 3/8 | 45 | 1 | — | 0.81 |
| L-12 | 405347733 | 2/0 | 1/0 | 3/8 | 90 | 1 | — | 0.81 |
| L-144 | 406434035 | 2/0 | 1/0 | 1/2 | Straight | 1 | — | 0.81 |
| L-143 | 406434027 | 2/0 | 1/0 | 1/2 | Straight | 2 | 1.750 | 0.81 |
| L-142 | 406434019 | 2/0 | 1/0 | 1/2 | Straight | 2 | 1.000 | 0.81 |
| L-146 | 406434050 | 2/0 | 1/0 | 1/2 | 90 | 1 | — | 0.81 |
| L-145 | 406434043 | 2/0 | 1/0 | 5/8 | Straight | 1 | — | 0.89 |
| L-181 | 407817576 | — | 2/0 | 1/4 | Straight | 2 | 0.625 | 0.94 |
| L-148 | 406434076 | — | 2/0 | 5/16 | Straight | 1 | — | 0.91 |
| L-20 | 405347857 | — | 2/0 | 5/16 | Straight | 2 | 1.000 | 0.91 |
| L-17 | 405347790 | — | 2/0 | 3/8 | Straight | 1 | — | 0.91 |
| L-77 | 406021725 | — | 2/0 | 3/8 | Straight | 2 | 1.000 | 0.91 |
| L-18 | 405347808 | — | 2/0 | 3/8 | 45 | 1 | — | 0.91 |
| L-19 | 405347816 | — | 2/0 | 3/8 | 90 | 1 | — | 0.91 |
| L-147 | 406434068 | — | 2/0 | 1/2 | Straight | 1 | — | 0.91 |
| L-150 | 406434092 | — | 2/0 | 1/2 | Straight | 2 | 1.750 | 0.91 |
| L-149 | 406434084 | — | 2/0 | 1/2 | Straight | 2 | 1.000 | 0.91 |
| L-155 | 406434142 | 4/0 | — | 1/4 | Straight | 1 | — | 1.00 |
| L-153 | 406434126 | 4/0 | — | 1/4 | Straight | 2 | 0.750 | 1.00 |
| L-156 | 406434159 | 4/0 | — | 1/4 | 45 | 1 | — | 1.00 |
| L-131 | 406338772 | 4/0 | — | 5/16 | Straight | 1 | — | 1.00 |
| L-132 | 406338780 | 4/0 | — | 5/16 | 45 | 1 | — | 1.00 |
| L-58 | 405348244 | 4/0 | — | 3/8 | Straight | 1 | — | 1.00 |
| L-59 | 405348251 | 4/0 | — | 3/8 | Straight | 2 | 1.000 | 1.00 |
| L-29 | 405347949 | 4/0 | — | 3/8 | 45 | 1 | — | 1.00 |
| L-30 | 405347956 | 4/0 | — | 3/8 | 90 | 1 | — | 1.00 |
| L-151 | 406434100 | 4/0 | — | 1/2 | Straight | 1 | — | 1.00 |
| L-152 | 406434118 | 4/0 | — | 1/2 | 45 | 1 | — | 1.00 |
| L-154 | 406434134 | 4/0 | — | 3/4 | Straight | 1 | — | 1.00 |

Ordering Information (continued)

| List No. | Comcode | Stranded Class B Wire Size | Stranded Class I Wire Size | Bolt Size | Degree of Bend | Number of Holes | Center-to-Center Mounting Hole Dimensions (in.) | Tab Width (in.) |
|----------|-----------|----------------------------------|----------------------------------|-----------|-------------------|--------------------|---|-----------------------|
| L-157 | 406434167 | — | 4/0 | 5/16 | Straight | 1 | — | 1.20 |
| L-158 | 406434175 | — | 4/0 | 5/16 | Straight | 2 | 1.000 | 1.20 |
| L-78 | 406021741 | — | 4/0 | 3/8 | Straight | 1 | — | 1.20 |
| L-27 | 405347923 | — | 4/0 | 3/8 | Straight | 2 | 1.000 | 1.09 |
| L-79 | 406021766 | — | 4/0 | 3/8 | 45 | 1 | — | 1.20 |
| L-174 | 407334713 | — | 4/0 | 3/8 | 90 | 1 | — | 1.09 |
| L-80 | 406021857 | — | 4/0 | 3/8 | 90 | 1 | — | 1.20 |
| L-177 | 407761378 | — | 4/0 | 3/8 | 90 | 2 | 1.000 | 1.09 |
| L-24 | 405347881 | — | 4/0 | 1/2 | Straight | 1 | — | 1.20 |
| L-160 | 406434191 | — | 4/0 | 1/2 | Straight | 2 | 1.750 | 1.20 |
| L-159 | 406434183 | — | 4/0 | 1/2 | Straight | 2 | 1.000 | 1.20 |
| L-25 | 405347907 | — | 4/0 | 1/2 | 45 | 1 | — | 1.20 |
| L-26 | 405347915 | — | 4/0 | 1/2 | 90 | 1 | — | 1.20 |
| L-133 | 406338798 | 350 | — | 1/4 | Straight | 2 | 0.750 | 1.31 |
| L-84 | 406021899 | 350 | — | 3/8 | Straight | 1 | — | 1.31 |
| L-186 | 407890763 | 350 | — | 3/8 | Straight | 2 | 1.000 | 0.96 |
| L-61 | 405348277 | 350 | — | 3/8 | Straight | 2 | 1.000 | 1.31 |
| L-44 | 405348095 | 350 | — | 3/8 | 45 | 2 | 1.000 | 1.31 |
| L-66 | 405356106 | 350 | — | 3/8 | 90 | 2 | 1.000 | 1.31 |
| L-60 | 405348269 | 350 | — | 1/2 | Straight | 1 | — | 1.31 |
| L-81 | 406021865 | 350 | — | 1/2 | Straight | 2 | 1.250 | 1.31 |
| L-37 | 405348020 | 350 | — | 1/2 | 45 | 1 | — | 1.31 |
| L-82 | 406021873 | 350 | — | 1/2 | 45 | 2 | 1.750 | 1.31 |
| L-51 | 405348160 | 350 | — | 1/2 | 90 | 1 | — | 1.31 |
| L-83 | 406021881 | 350 | — | 1/2 | 90 | 2 | 1.750 | 1.31 |
| L-161 | 406434209 | 350 | — | — | Butt Splice | — | — | — |
| L-85 | 406021907 | — | 350 | 3/8 | Straight | 1 | — | 1.57 |
| L-183 | 407890748 | — | 350 | 3/8 | Straight | 2 | 1.000 | 0.96 |
| L-86 | 406021915 | — | 350 | 3/8 | Straight | 2 | 1.000 | 1.57 |
| L-31 | 405347964 | — | 350 | 1/2 | Straight | 1 | — | 1.57 |
| L-163 | 406434225 | — | 350 | 1/2 | Straight | 2 | 1.250 | 1.57 |
| L-34 | 405347998 | — | 350 | 1/2 | Straight | 2 | 1.750 | 1.57 |
| L-32 | 405347972 | — | 350 | 1/2 | 45 | 1 | — | 1.57 |
| L-35 | 405348004 | — | 350 | 1/2 | 45 | 2 | 1.750 | 1.57 |
| L-33 | 405347980 | — | 350 | 1/2 | 90 | 1 | — | 1.57 |
| L-36 | 405348012 | — | 350 | 1/2 | 90 | 2 | 1.750 | 1.57 |
| L-162 | 406434217 | — | 350 | 5/8 | Straight | 1 | — | 1.57 |

Ordering Information (continued)

| List No. | Comcode | Stranded Class B Wire Size | Stranded Class I Wire Size | Bolt Size | Degree of Bend | Number of Holes | Center-to-Center Mounting Hole Dimensions (in.) | Tab Width (in.) |
|----------|-----------|----------------------------------|----------------------------------|-----------|-------------------|--------------------|---|-----------------------|
| L-182 | 407850833 | 500 | — | 3/8 | Straight | 2 | 1.000 | 0.96 |
| L-63 | 405348293 | 500 | — | 3/8 | Straight | 2 | 1.000 | 1.57 |
| L-68 | 405356122 | 500 | — | 3/8 | 45 | 2 | 1.000 | 1.57 |
| L-70 | 405356148 | 500 | — | 3/8 | 90 | 2 | 1.000 | 1.57 |
| L-62 | 405348285 | 500 | — | 1/2 | Straight | 1 | — | 1.57 |
| L-189 | 408049591 | 500 | — | 1/2 | Straight | 2 | 1.750 | 0.96 |
| L-88 | 406021931 | 500 | — | 1/2 | Straight | 2 | 1.750 | 1.57 |
| L-134 | 406338806 | 500 | — | 1/2 | Straight | 2 | 1.250 | 1.57 |
| L-67 | 405356114 | 500 | — | 1/2 | 45 | 1 | — | 1.57 |
| L-90 | 406021956 | 500 | — | 1/2 | 45 | 2 | 1.750 | 1.57 |
| L-69 | 405356130 | 500 | — | 1/2 | 90 | 1 | — | 1.57 |
| L-92 | 406021972 | 500 | — | 1/2 | 90 | 2 | 1.750 | 1.57 |
| L-185 | 407890755 | — | 500 | 3/8 | Straight | 2 | 1.000 | 1.63 |
| L-165 | 406434241 | — | 500 | 3/8 | Straight | 2 | 1.000 | 1.78 |
| L-87 | 406021923 | — | 500 | 1/2 | Straight | 1 | — | 1.78 |
| L-164 | 406434233 | — | 500 | 1/2 | Straight | 2 | 1.250 | 1.78 |
| L-190 | 408049583 | — | 500 | 1/2 | Straight | 2 | 1.750 | 1.63 |
| L-41 | 405348061 | — | 500 | 1/2 | Straight | 2 | 1.750 | 1.78 |
| L-89 | 406021949 | — | 500 | 1/2 | 45 | 1 | — | 1.78 |
| L-42 | 405348079 | — | 500 | 1/2 | 45 | 2 | 1.750 | 1.78 |
| L-91 | 406021964 | — | 500 | 1/2 | 90 | 1 | — | 1.78 |
| L-43 | 405348087 | — | 500 | 1/2 | 90 | 2 | 1.750 | 1.78 |
| L-38 | 405348038 | — | 500 | 5/8 | Straight | 1 | — | 1.78 |
| L-39 | 405348046 | — | 500 | 5/8 | 45 | 1 | — | 1.78 |
| L-40 | 405348053 | — | 500 | 5/8 | 90 | 1 | — | 1.78 |
| L-135 | 406335141 | 750 | — | 3/8 | Straight | 2 | 1.000 | 1.63 |
| L-175 | 407670603 | 750 | — | 3/8 | 45 | 2 | 1.000 | 1.63 |
| L-191 | 408049575 | 750 | — | 1/2 | Straight | 2 | 1.750 | 1.63 |
| L-65 | 405348319 | 750 | — | 1/2 | Straight | 2 | 1.750 | 1.90 |
| L-72 | 405356163 | 750 | — | 1/2 | 45 | 2 | 1.750 | 1.90 |
| L-28 | 405347931 | 750 | — | 1/2 | 90 | 2 | 1.750 | 1.90 |
| L-64 | 405348301 | 750 | — | 5/8 | Straight | 1 | — | 1.90 |
| L-71 | 405356155 | 750 | — | 5/8 | 45 | 1 | — | 1.90 |
| L-23 | 405347873 | 750 | — | 5/8 | 90 | 1 | — | — |
| L-166 | 406434258 | 750 | — | — | Butt Splice | — | — | — |

Ordering Information (continued)

| List No. | Comcode | Stranded Class B Wire Size | Stranded Class I Wire Size | Bolt Size | Degree of Bend | Number of Holes | Center-to-Center Mounting Hole Dimensions (in.) | Tab Width (in.) |
|----------|-----------|----------------------------|----------------------------|-----------|----------------|-----------------|---|-----------------|
| L-184 | 407890730 | — | 750 | 3/8 | Straight | 2 | 1.000 | 1.63 |
| L-170 | 406434290 | — | 750 | 3/8 | Straight | 2 | 1.000 | 2.18 |
| L-167 | 406434266 | — | 750 | 1/2 | Straight | 1 | — | 2.18 |
| L-169 | 406434282 | — | 750 | 1/2 | Straight | 2 | 1.500 | 2.18 |
| L-192 | 408049567 | — | 750 | 1/2 | Straight | 2 | 1.750 | 1.63 |
| L-48 | 405348137 | — | 750 | 1/2 | Straight | 2 | 1.750 | 2.18 |
| L-49 | 405348145 | — | 750 | 1/2 | 45 | 2 | 1.750 | 2.18 |
| L-50 | 405348152 | — | 750 | 1/2 | 90 | 2 | 1.750 | 2.18 |
| L-45 | 405348103 | — | 750 | 5/8 | Straight | 1 | — | 2.18 |
| L-168 | 406434274 | — | 750 | 5/8 | Straight | 2 | 1.500 | 2.18 |
| L-46 | 405348111 | — | 750 | 5/8 | 45 | 1 | — | 2.18 |
| L-47 | 405348129 | — | 750 | 5/8 | 90 | 1 | — | 2.18 |



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