



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 **GE Critical Power** 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

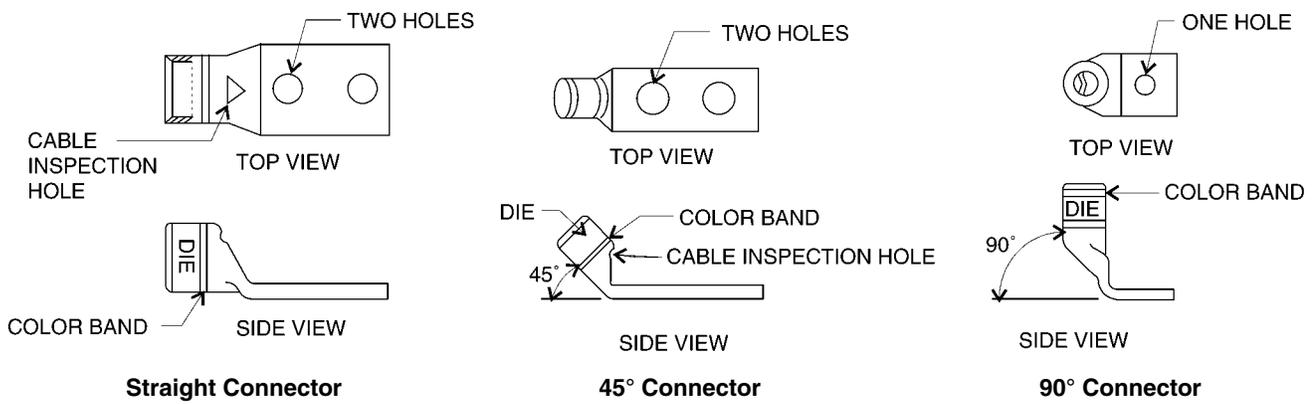
* UL is a registered trademark of Underwriters Laboratories, Inc.

† 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
- 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