

Aluminum, One Hole, Long Barrel Compression Lug

Features

- Manufactured from high strength seamless aluminum tubing
- Color coded die index and crimp marks
- Electro-Tin plated for corrosion resistance
- Pre-filled with oxide inhibitor and capped with color coded cap.
- UL486A/B Listed for Wire Connectors
- UL Listed and CSA Certified with competitor's compression tools
- Listed for use with class B & C, flex class G, H, I, K, M & DLO cable

Standard Material

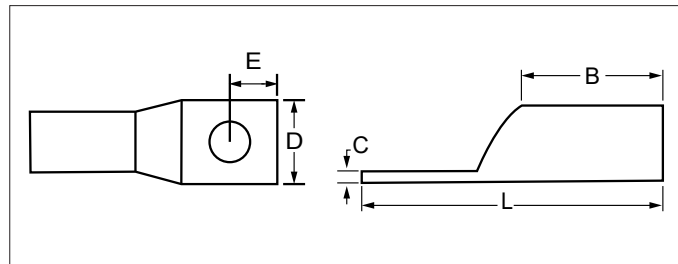
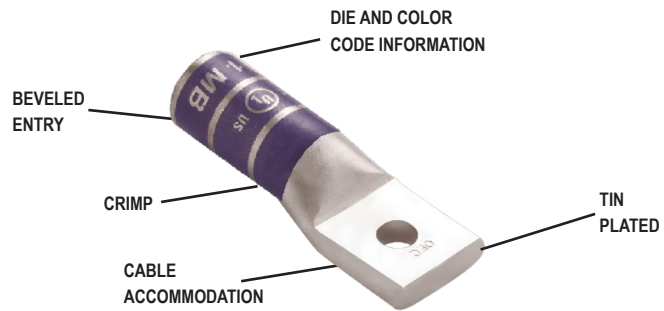
- Aluminum

Standard Finish

- Electro-tin plated

Electrical Rating

- Voltage Rating: 600 V
- Maximum Circuit Rating: 35 kV
- Temperature Rating: 90°C



For Use With Aluminum & Copper Conductor (AL9CU)

Catalog ID	Wire Size	Alt Wire Size	Range Taking	Stud Size	Stud Hole Dia.	Dimensions In Inches					Color Code	• Installation Tooling		Dieless
						L	B	C	D	E		Burndy Model - Y35, Y39, Y750, PAT750, PAT750LI Die Set	Burndy Model - Y35, Y39, Y750, PAT750, PAT750LI with IlSCO Die Set	
98501A	8	#8 FLEX, 8 DLO	-	1/4	0.27	1.81	0.56	0.09	0.63	0.31	BLUE	U8CABT	ILD-374	
98501B				5/16	0.33	1.81	0.56	0.09	0.63	0.31				
98501C				3/8	0.41	1.81	0.56	0.09	0.63	0.31				
98502	6	#6 FLEX, 6 DLO	6-8	1/4	0.27	2.01	0.86	0.10	0.57	0.38	GRAY	U6CABT	ILD-346	
98503				5/16	0.33	2.01	0.86	0.10	0.57	0.38				
98504				3/8	0.41	2.05	0.86	0.08	0.65	0.38				
98505	4	-	4-6	1/4	0.27	2.31	1.10	0.19	0.57	0.38	GREEN	U4CABT	ILD-375	
98506				5/16	0.33	2.31	1.10	0.19	0.57	0.38				
98507				3/8	0.41	2.39	1.10	0.15	0.65	0.38				
98508	2	#4 FLEX, 4 DLO	2-6	1/4	0.27	2.50	1.20	0.22	0.71	0.38	PINK	U2CABT	ILD-348	Greenlee Dieless - Model HK12ID & EK12IDL
98509				5/16	0.33	2.50	1.20	0.22	0.71	0.38				
98510				3/8	0.41	2.50	1.20	0.22	0.71	0.38				
98510A	1	#2 FLEX, 2 DLO	1-6	1/2	0.53	2.50	1.20	0.22	0.71	0.38	GOLD	U1CART	ILD-471	
98511				1/4	0.27	2.50	1.20	0.18	0.73	0.38				
98512				5/16	0.33	2.50	1.20	0.18	0.73	0.38				
98513	1/0	#1 FLEX, 1 DLO	1/0-6	3/8	0.41	2.50	1.20	0.18	0.73	0.38	TAN	U25 ART	ILD-296	Burndy Dieless - Model PAT444S
98513A				1/2	0.53	2.50	1.20	0.18	0.73	0.38				
98514				1/4	0.27	2.81	1.20	0.24	0.85	0.50				
98515	2/0	#1/0 FLEX, 1/0 DLO	2/0-4	5/16	0.33	2.81	1.20	0.24	0.85	0.50	OLIVE	U26ART	ILD-297	
98516				3/8	0.41	2.81	1.20	0.24	0.85	0.50				
98517				1/2	0.53	2.81	1.20	0.24	0.85	0.50				
98518	3/0	#2/0 FLEX, 2/0 DLO	3/0-2	1/4	0.27	3.00	1.40	0.28	1.03	0.50	RUBY	U27ART	ILD-467	
98519				5/16	0.33	3.00	1.40	0.28	1.03	0.50				
98520				3/8	0.41	3.00	1.40	0.28	1.03	0.50				
98521				1/2	0.53	3.00	1.40	0.28	1.03	0.50				
98522				1/4	0.27	3.00	1.40	0.28	1.03	0.50				
98523				5/16	0.33	3.00	1.40	0.28	1.03	0.50				
98524				3/8	0.41	3.00	1.40	0.28	1.03	0.50				
98525				1/2	0.53	3.00	1.40	0.28	1.03	0.50				

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98526	4/0	#3/0 FLEX, 3/0 DLO	4/0-1	1/4	0.27	3.43	1.40	0.29	1.15	0.56	WHITE	U28ART	ILD-298	Greenlee Dieless - Model HK12ID & EK12IDL
98527				5/16	0.33	3.43	1.40	0.29	1.15	0.56				
98528				3/8	0.41	3.43	1.40	0.29	1.15	0.56				
98529				1/2	0.53	3.43	1.40	0.29	1.15	0.56				
98529A				5/8	0.69	3.43	1.40	0.29	1.15	0.56				
98530	250	#8 FLEX, 8 DLO	250-1/0	3/8	0.41	3.50	1.50	0.32	1.26	0.63	RED	U29ART	ILD-324	
98530A				5/16	0.33	3.50	1.50	0.32	1.26	0.63				
98531				1/2	0.53	3.50	1.50	0.32	1.26	0.63				
98532A	300	#250 G,H, FLEX	300-2/0	5/16	0.33	4.00	1.60	0.35	1.37	0.63	BLUE	U30ART	ILD-470	
98532				3/8	0.41	4.00	1.60	0.35	1.37	0.63				
98533				1/2	0.53	4.00	1.60	0.35	1.37	0.63				
98534	350	250 G,H,I,K,M,FLEX 262 DLO	350-3/0	3/8	0.41	4.25	1.90	0.39	1.52	0.69	BROWN	U31ART	ILD-470	
98535				1/2	0.53	4.25	1.90	0.39	1.52	0.69				
98536	400	300 G,H,I,K,M,FLEX 313 DLO	400-4/0	3/8	0.41	4.68	2.30	0.42	1.61	0.69	GREEN	U32ART	ILD-472	
98537				1/2	0.53	4.68	2.30	0.42	1.61	0.69				
98538	500	350 G,H,I,K,M,FLEX 373 DLO	500-250	3/8	0.41	4.75	2.50	0.47	1.79	0.75	PINK	U34ART	ILD-300	
98539				1/2	0.53	4.75	2.50	0.47	1.79	0.75				
98539NT				1/2	0.53	3.88	1.64	0.35	1.79	0.75				
98540				5/8	0.69	4.75	2.50	0.47	1.79	0.75				
98541	600	400 G,H,I,K,M,FLEX 444 DLO	600-250	1/2	0.53	5.12	2.60	0.51	1.96	0.75	BLACK	U36ART	ILD-473	
98542				5/8	0.69	5.12	2.60	0.51	1.96	0.75				
98541A	700	500 G,H,I,K,M,FLEX 535 DLO	700-250	1/2	0.53	5.39	2.87	0.52	2.07	0.75	PURPLE	-	-	
98542B				5/8	0.69	5.39	2.87	0.52	2.07	0.75				
98543	750	600 G,H,I,M,FLEX 646 DLO	750-500	1/2	0.53	6.12	3.20	0.55	2.19	0.94	YELLOW	U39ART-2	ILD-936	
98543LD				1/2	0.53	6.12	3.20	0.50	2.19	0.94				
98543LD-NT				1/2	0.53	6.12	3.20	0.55	1.44	0.94				
98544				5/8	0.69	6.12	3.20	0.55	2.19	0.94				
98544LD-NT				5/8	0.69	6.12	3.20	0.55	1.43	0.94				
98543A	800	-	-	1/2	0.53	6.39	3.34	0.57	2.29	1.00	WHITE	-	-	
98543B				5/8	0.69	6.39	3.34	0.57	2.29	1.00				
98543C	900	-	-	1/2	0.53	6.39	3.34	0.57	2.35	1.00	GRAY	-	-	
98543D				5/8	0.69	6.39	3.34	0.57	2.35	1.00				
98544A	1000	750 G,H,I,FLEX 777 DLO	1000-750	1/2	0.53	6.12	3.20	0.59	2.50	1.00	BROWN	-	-	
98544B				5/8	0.69	6.12	3.20	0.59	2.50	1.00				

Crimping Instructions

- Select the proper lug or splice connector for the size of cable being installed, ensuring that the size matches the description in the table.
- Strip the insulation from the cable to a length so that the stripped area of the cable can be completely inserted into and fill the barrel of the lug or splice. Carefully strip the insulation from the cable without nicking the strands.
- Clean the stripped portion of the cable to remove oxide films.
- The stripped portion of the cable must be clean and inserted completely into the connector barrel.
- Using the tool and die combination specified for that connector in the table above, install crimps, leaving a space of 1/8 inch minimum between successive crimps.

For Short Barrel Connectors, apply 1 crimp,
For Long Barrel Connectors, apply 2 crimps on the color coded bands

NOTE: All Dimensions shows are for reference only.

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)