

Copper, One Hole, Long Barrel Compression Lug

Features

- Manufactured from high strength seamless copper tubing
- Chamfered entry
- Color coded die index and crimp marks
- Electro-Tin plated for corrosion resistance
- UL486A/B Listed for Wire Connectors
- UL467 Listed for grounding and bonding applications
- 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

- Copper

Standard Finish

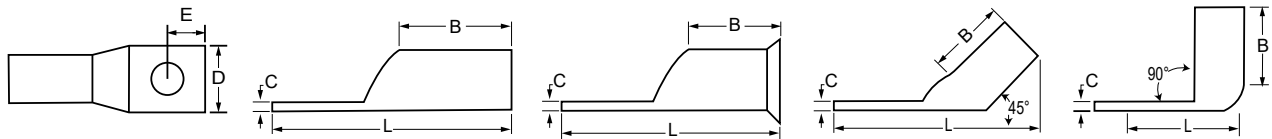
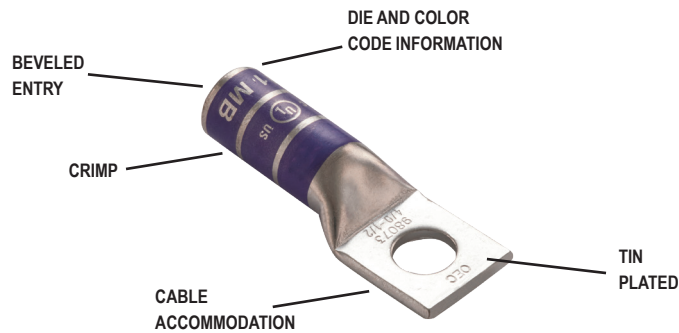
- Electro-tin plated

Electrical Rating

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

We Supply

- Prefix 'F' for flared entry (eg. FXXXXX)
- Prefix 'P' for inspection window (eg. PXXXXX)
- Suffix 'S' for 45° Angle (eg. XXXXS)
- Suffix 'R' for 90° Angle (eg. XXXXR)



For Use With Copper Conductor Only

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	Ilco ILC-12-N, ILC-12-H-N, ILCB-12		
98064	8	#8 FLEX, 8 DLO	8-10	1/4	0.27	1.52	0.81	0.08	0.42	0.28	RED	U8CTR	ILD - 2	ILD - 21	Burndy Dieless PAT444S & PAT4PC834LI.
98064A				#10	0.20	1.52	0.81	0.08	0.42	0.28					
98064B				3/8	0.41	1.59	0.81	0.05	0.57	0.31					
98065	6	#6 FLEX, 6 DLO	6-8	1/4	0.27	1.77	0.98	0.08	0.42	0.30	BLUE	U5CRT U8CABT	ILD - 3	ILD - 24	
98065A				3/8	0.41	1.91	0.98	0.05	0.59	0.37					
98065B				5/16	0.33	1.91	0.98	0.07	0.51	0.37					
98065C				#10	0.20	1.77	0.98	0.08	0.42	0.30					
98066	4	-	4-6	1/4	0.27	1.77	0.98	0.09	0.49	0.31	Gray	U4CRT U6CABT	ILD - 4	ILD - 29	
98066A				3/8	0.41	1.91	0.98	0.07	0.49	0.37					
98066B				5/16	0.33	1.77	0.98	0.09	0.49	0.31					
98066C				#10	0.20	1.77	0.98	0.09	0.49	0.31					
98066D	3	#4 FLEX, 4 DLO	3-6	#10	0.20	2.07	1.10	0.09	0.50	0.31	WHITE	U2CRT	-	29	
98066E				1/4	0.27	2.07	1.10	0.09	0.50	0.31					
98066F				5/16	0.33	2.07	1.10	0.09	0.55	0.31					
98066G				3/8	0.41	2.07	1.10	0.08	0.59	0.37					
98067	2	#4 FLEX, 4 DLO	2-6	5/16	0.33	2.07	1.10	0.10	0.60	0.37	BROWN	U2CRT	ILD - 7	ILD - 33	
98067A				3/8	0.41	2.07	1.10	0.10	0.60	0.37					
98067B				1/4	0.27	2.07	1.10	0.10	0.60	0.37					
98067C				#10	0.20	2.07	1.10	0.10	0.60	0.37					
98068	1	#2 FLEX, 2 DLO	1-6	5/16	0.33	2.11	1.10	0.11	0.60	0.37	GREEN	U1CRT U4CABT	ILD - 7	ILD - 37	
98068A				3/8	0.41	2.11	1.10	0.11	0.60	0.37					
98068B				#10	0.20	2.11	1.10	0.11	0.60	0.37					
98069	1/0	#1 FLEX, 1 DLO	1/0-6	5/16	0.33	2.21	1.20	0.13	0.74	0.37	PINK	U25RT U2CART	ILD - 8	ILD - 42	
98069A				#10	0.20	2.21	1.20	0.13	0.74	0.37					
98069B				1/4	0.27	2.21	1.20	0.13	0.74	0.37					
98070				3/8	0.41	2.21	1.20	0.13	0.74	0.37					
98070A				1/2	0.53	2.50	1.20	0.13	0.74	0.47					
98070B				5/16	0.33	2.68	1.38	0.12	0.81	0.47					

Copper, One Hole, Long Barrel Compression Lug

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	Ilco ILC-12-N, ILC-12-H-N, ILCB-12			
98071	2/0	#1/0 FLEX, 1/0 DLO	2/0-4	3/8	0.41	2.68	1.38	0.12	0.81	0.47	BLACK	U26RT	ILD - 10	ILD - 45	Burndy Dieless - PAT444S & PAT4PC834LI.	
98071A				1/2	0.53	2.68	1.38	0.12	0.81	0.47						
98071B				1/4	0.27	2.68	1.38	0.13	0.81	0.47						
98072	3/0	#2/0 FLEX, 2/0 DLO	3/0-2	1/2	0.53	2.80	1.42	0.13	0.90	0.47	ORANGE	U27RT	ILD - 10	ILD - 50		
98072A				3/8	0.41	2.80	1.42	0.13	0.90	0.47						
98072B				1/4	0.27	2.80	1.42	0.13	1.00	0.52						
98073	4/0	#3/0 FLEX, 3/0 DLO	4/0-1	1/2	0.53	2.80	1.42	0.13	1.00	0.52	PURPLE	U28RT	ILD - 12	ILD - 54		
98073A				3/8	0.41	2.80	1.42	0.13	1.00	0.52						
98073B				1/4	0.27	2.03	1.59	0.15	1.09	0.52						
98074	250	#4/0 FLEX, 4/0 DLO	250-1	1/2	0.53	3.03	1.59	0.15	1.09	0.52	YELLOW	U29RT	ILD - 13	ILD - 62		
98074A				3/8	0.41	3.39	1.95	0.15	1.19	0.52						
98075	300	250 G,H,FLEX	300-2/0	1/2	0.53	3.46	1.97	0.17	1.28	0.52	WHITE	U30RT U28ART	ILD - 14	ILD - 66		Ilco Dieless - IDT-6, IDTB-6, IDTB-6-LIO, TB-6DF1000-P, IDT-12-N, IVTB-6
98076	350	250 G,H,I,K,M,FLEX 262 DLO	350-3/0	1/2	0.53	3.46	1.97	0.17	1.28	0.51	RED	-	ILD - 14	ILD - 71		
98076A				5/8	0.69	3.86	1.99	0.18	1.39	0.51						
98077	400	300 G,H,I,K,M,FLEX 313 DLO	400-4/0	1/2	0.53	3.86	1.99	0.18	1.39	0.51	BLUE	U32RT U30ART	ILD - 16	ILD - 67		
98078				5/8	0.69	3.86	1.99	0.18	1.54	0.51						
98079	500	350 G,H,I,K,M,FLEX 373 DLO	500-250	1/2	0.53	4.13	2.26	0.22	1.54	0.51	BROWN	U34RT U32ART	ILD - 16A	ILD - 87		
98080				5/8	0.69	4.13	2.26	0.22	1.72	0.69						
98081	600	400 G,H,I,K,M,FLEX 444 DLO	600-250	5/8	0.69	4.25	2.26	0.25	1.77	0.69	GREEN	U36RT U32ART	ILD - 17	ILD - 94		Greenlee & NSI Dieless - HK12ID, EK12IDL, N12ID
98081A	700	500 G,H,I,K,M,FLEX 535 DLO	700-250	1/2	0.53	5.16	2.64	0.27	1.77	0.69	PINK	U38RT U38XRT	-	-		
98081B				5/8	0.69	5.16	2.64	0.27	1.90	0.69						
98082	750	600 G,H,I,M,FLEX 646 DLO	750-500	5/8	0.69	5.16	2.64	0.27	1.90	0.69	BLACK	U39RT	ILD - 18	ILD - 106		
98082A				1/2	0.53	5.16	2.64	0.27	1.90	0.69						
98082B	1000	750 G,H,I,FLEX 777 DLO	1000-750	1/2	0.53	5.67	3.15	0.33	2.18	0.69	WHITE	U44XRT	-	-		
98082C				5/8	0.69	5.67	3.15	0.33	2.18	0.69						

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)