



ALP1

Aluminium Compression Cable Lug - Parallel Entry Long barrel with 1 Stud Hole - No Inspection Window

These products have been designed and third party certified to UL 486A-486B and CSA C22.2 No. 65, for high quality and reliable crimping.

Long barrel compression cable lugs enable additional crimps, offering increased electrical and mechanical properties.

Manufactured from high conductivity aluminium seamless tubing, these cable lugs are precisely dimensioned to achieve optimal crimping with suitable conductors. The tin coating ensures corrosion and oxidation resistance, ensuring maximum efficiency of the connection.

Aluminium lug barrels are filled with grease and capped as an extra layer of protection from oxidation.

No inspection window as standard to prevent moisture ingress.

Standard stud hole sizes are detailed in the dimension table. Custom stud hole dimensions are available on request.

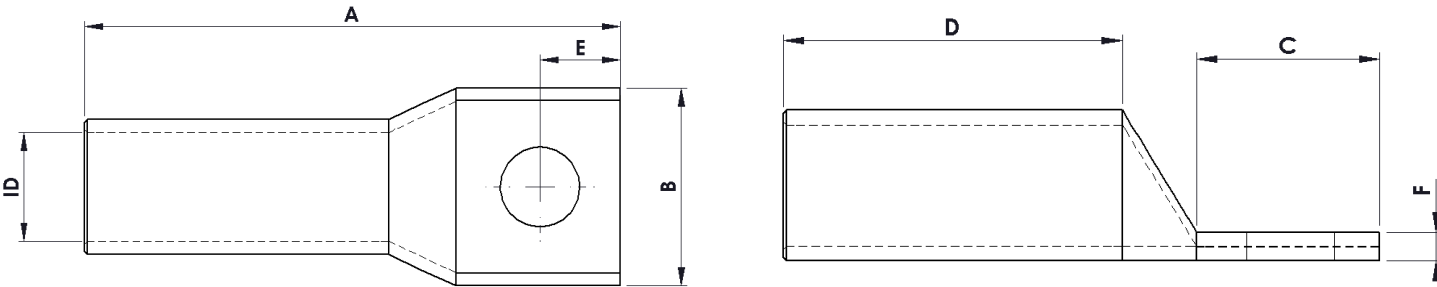
TECHNICAL DATA & CLASSIFICATION	
ETIM Classification Code	EC001053
Barrel Type	Long
Entry Type	Parallel
Lug Material	Tin Plated Aluminium
Number of Stud Holes	1
Palm Angle	Straight
Temperature Rating	Up to 90 Degrees Celsius



FEATURES

- Sizes to suit conductors 8 AWG to 600 kcmil
- Third Party Certified to UL 486A-486B and CSA C22.2 No. 65
- Manufactured from high conductivity aluminium seamless tube
- Electrolytically tin plated for oxidation and corrosion resistance
- Colour coded with enhanced marking on the barrel for simple die selection, inspection and traceability
- Bevelled entry to aid cable insertion
- Sold in bags; product must be ordered in bag multiples. See table on following page for bag quantities





LUG IDENTIFICATION					DIMENSIONS (in)							PACK QTY
Part Number	Cable Size (AWG/MCM/kcmil)	Flex Cable Size (AWG/MCM/kcmil)	Hole Stud Size	Die Index No.	Internal Diameter (ID)	Overall Length (A)	Palm Width (B)	Palm Length (C)	Barrel Length (D)	Stud Hole Distance (E)	Palm Thickness (F)	
8ALP1516	8	8	5/16"	08	0.18	1.56	0.5	0.77	0.65	0.31	0.13	100
8ALP138	8	8	3/8"	08	0.18	1.56	0.5	0.81	0.65	0.31	0.13	100
8ALP114	8	8	1/4"	08	0.18	1.56	0.5	0.77	0.65	0.31	0.13	100
6ALP1516	6	6	5/16"	06	0.2	2.01	0.57	0.88	0.86	0.38	0.1	100
6ALP138	6	6	3/8"	06	0.2	2.05	0.65	0.92	0.86	0.38	0.08	100
6ALP114	6	6	1/4"	06	0.2	2.01	0.57	0.88	0.86	0.38	0.1	100
4ALP1516	4	-	5/16"	04	0.25	2.31	0.57	0.88	1.1	0.38	0.19	50
4ALP138	4	-	3/8"	04	0.25	2.39	0.65	0.88	1.1	0.38	0.15	50
4ALP114	4	-	1/4"	04	0.25	2.31	0.57	0.88	1.1	0.38	0.19	50
2ALP1516	2	4	5/16"	02	0.31	2.5	0.71	0.88	1.2	0.38	0.22	50
2ALP138	2	4	3/8"	02	0.31	2.5	0.71	0.88	1.2	0.38	0.22	50
2ALP114	2	4	1/4"	02	0.31	2.5	0.71	0.88	1.2	0.38	0.22	50
2ALP112	2	4	1/2"	02	0.31	2.5	0.71	0.88	1.2	0.38	0.22	50
1ALP138	1	2	3/8"	01	0.35	2.5	0.73	0.88	1.2	0.38	0.18	25
1ALP114	1	2	1/4"	01	0.35	2.5	0.73	0.88	1.2	0.38	0.18	25
1ALP112	1	2	1/2"	01	0.35	2.5	0.73	0.88	1.2	0.38	0.18	25
1ALP1516	1	2	5/16"	01	0.35	2.5	0.73	0.88	1.2	0.38	0.18	25
10ALP1516	1/0	1	5/16"	10	0.39	2.81	0.85	0.93	1.2	0.38	0.24	25
10ALP138	1/0	1	3/8"	10	0.39	2.81	0.85	0.93	1.2	0.38	0.24	25
10ALP114	1/0	1	1/4"	10	0.39	2.81	0.85	0.93	1.2	0.38	0.24	25
10ALP112	1/0	1	1/2"	10	0.39	2.81	0.85	1.12	1.2	0.38	0.24	25
20ALP1516	2/0	1/0	5/16"	20	0.44	2.81	0.94	1.12	1.3	0.5	0.24	15
20ALP138	2/0	1/0	3/8"	20	0.44	2.81	0.94	1.12	1.3	0.5	0.24	15

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20ALP114	2/0	1/0	1/4	20	0.44	2.81	0.94	1.12	1.3	0.5	0.24	15
20ALP112	2/0	1/0	1/2	20	0.44	2.81	0.94	1.12	1.3	0.5	0.24	15
30ALP1516	3/0	2/0	5/16'	30	0.48	3	1.03	1.12	1.4	0.5	0.28	15
30ALP138	3/0	2/0	3/8	30	0.48	3	1.03	1.12	1.4	0.5	0.28	15
30ALP114	3/0	2/0	1/4	30	0.48	3	1.03	1.12	1.4	0.5	0.28	15
30ALP112	3/0	2/0	1/2	30	0.48	3	1.03	1.12	1.4	0.5	0.28	15
40ALP158	4/0	3/0	5/8	40	0.55	3.43	1.15	1.31	1.4	0.56	0.29	15
40ALP1516	4/0	3/0	5/16'	40	0.55	3.43	1.15	1.31	1.4	0.56	0.29	15
40ALP138	4/0	3/0	3/8	40	0.55	3.43	1.15	1.31	1.4	0.56	0.29	15
40ALP114	4/0	3/0	1/4	40	0.55	3.43	1.15	1.31	1.44	0.56	0.29	15
40ALP112	4/0	3/0	1/2	40	0.55	3.43	1.15	1.31	1.4	0.56	0.29	15
250ALP1516	250	4/0	5/16'	250	0.59	3.5	1.26	1.31	1.5	0.63	0.32	10
250ALP138	250	4/0	3/8	250	0.59	3.5	1.26	1.31	1.5	0.63	0.32	10
250ALP112	250	4/0	1/2	250	0.59	3.5	1.26	1.31	1.5	0.63	0.32	10
300ALP1516	300	250 G,H	5/16'	300	0.65	4	1.37	1.5	1.6	0.63	0.35	10
300ALP138	300	250 G,H	3/8	300	0.65	4	1.37	1.5	1.6	0.63	0.35	10
300ALP112	300	250 G,H	1/2	300	0.65	4	1.37	1.5	1.6	0.63	0.35	10
350ALP138	350	250 G,H,I,K,M 262 DLO	3/8	350	0.72	4.25	1.52	1.5	1.9	0.69	0.39	5
350ALP112	350	250 G,H,I,K,M 262 DLO	1/2	350	0.72	4.25	1.52	1.5	1.9	0.69	0.39	5
400ALP138	400	300 G,H,I,K,M 313 DLO	3/8	400	0.76	4.68	1.61	1.5	2.3	0.69	0.42	5
400ALP112	400	300 G,H,I,K,M 313 DLO	1/2	400	0.76	4.68	1.61	1.5	2.3	0.69	0.42	5
500ALP158	500	350 G,H,I,K,M 373 DLO	5/8	500	0.84	4.75	1.79	1.5	2.5	0.75	0.47	5
500ALP138	500	350 G,H,I,K,M 373 DLO	3/8	500	0.84	4.75	1.79	1.5	2.5	0.75	0.47	5
500ALP112	500	350 G,H,I,K,M 373 DLO	1/2	500	0.84	4.75	1.79	1.5	2.5	0.75	0.47	5
600ALP158	600	400 G,H,I,K,M 444 DLO	5/8	600	0.92	5.12	1.96	1.87	2.6	0.94	0.51	1
600ALP112	600	400 G,H,I,K,M 444 DLO	1/2	600	0.92	5.12	1.96	1.87	2.6	0.94	0.51	1

