

Compression connectors for copper conductors



Material – High-conductivity wrought copper

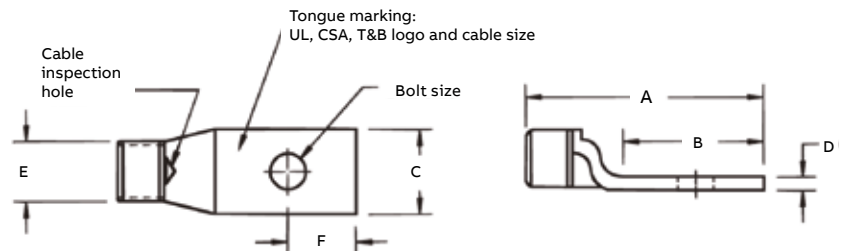
Finish – Electro tin plated



One-hole lugs – Standard barrel certified to 600 V and recommended up to 35 kV* (continued)

Wire size				Dimensions in. (mm)								Die code	Colour code
Cat no.	Code cable	Flex cable classes G, H, I, K, M	Bolt size	A	B	C	D	E	F				
54122-TB	700 kcmil	–	5⁄8	3.68 (93.5)	1.58 (40.1)	1.84 (46.7)	0.23 (5.8)	1.26 (32.0)	0.63 (16.0)	99	Pink		
256-30695-1404	–	1325/24 =	5⁄8	3.29 (83.6)	1.29 (32.8)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.66 (16.8)	99			
256-30695-1405	–	500/535 kcmil	½	3.29 (83.6)	1.29 (32.8)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.66 (16.8)	99			
256-30695-840	–	427/0.0342, 0.968	½	4.00 (101.6)	1.69 (42.9)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.48 (12.2)	99			
58182	–		5⁄8	3.83 (97.3)	1.58 (40.1)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.63 (16.0)	99			
256-30695-193	–	1.060	½	4.00 (101.6)	1.69 (42.9)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.48 (12.2)	106	Black		
54123-TB	750 kcmil	1.060	5⁄8	3.87 (98.3)	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106			
58184	–	1600/24 = 646 kcmil	5⁄8	3.80 (96.5)	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106			
54124-TB	800 kcmil	800 Navy, 1.109	5⁄8	4.04 (102.6)	1.58 (40.1)	2.01 (51.1)	0.27 (6.9)	1.38 (35.1)	0.63 (16.0)	107	Orange		
256-30695-843	900 kcmil	1925/24 =	½	4.31 (109.5)	1.81 (46.0)	2.17 (55.1)	0.31 (7.9)	1.50 (38.1)	0.88 (22.4)	115	Yellow		
54126	900 kcmil	750/777 kcmil, 1.187	5⁄8	4.15 (105.4)	1.58 (40.1)	2.17 (55.1)	0.31 (7.9)	1.50 (38.1)	0.63 (16.0)	115			
54128	1,000 kcmil	1,000 Navy, 1.253	5⁄8	4.09 (103.9)	1.58 (40.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.63 (16.0)	125	–		

Diagram



* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your regional sales office for sizes not listed. For tool and die selection charts, see the Tools, Dies and Kits catalogue.

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Material – High-conductivity wrought copper

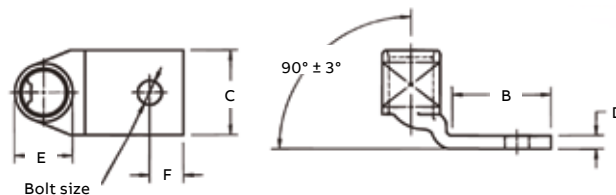
Finish – Electro tin plated



One-hole lugs – 90° Standard barrel certified to 600 V and recommended up to 35 kV*

Cat no.	Code cable	Wire size		Dimensions in. (mm)					Die code	Colour code
		Flex cable classes G, H, I, K, M	Bolt size	B	C	D	E	F		
54104UB	#8 AWG	#8 Str.	#10	0.50 (12.7)	0.39 (9.9)	0.08 (2.0)	0.25 (6.4)	0.22 (5.6)	21	Red
54130UB	#8 AWG	23 Navy	¼	0.61 (15.5)	0.45 (11.4)	0.07 (1.8)	0.25 (6.4)	0.25 (6.4)	21	
54131UB	#8 AWG	#8 Weld	⅝	0.64 (16.3)	0.56 (14.2)	0.05 (1.3)	0.25 (6.4)	0.28 (7.1)	21	
54132UB	#8 AWG	37/24	⅝	0.64 (16.3)	0.56 (14.2)	0.05 (1.3)	0.25 (6.4)	0.28 (7.1)	21	
54134UB	#6 AWG	#6 AWG, 30 Navy	#10	0.53 (13.5)	0.44 (11.2)	0.07 (1.8)	0.31 (7.9)	0.22 (5.6)	24	Blue
54105UB	#6 AWG	#6 Weld	¼	0.53 (13.5)	0.44 (11.2)	0.07 (1.8)	0.31 (7.9)	0.22 (5.6)	24	
54135UB	#6 AWG	61/24	⅝	0.67 (17.0)	0.60 (15.2)	0.07 (1.8)	0.31 (7.9)	0.31 (7.8)	24	
54136UB	#6 AWG	133/0.014	⅝	0.67 (17.0)	0.60 (15.2)	0.07 (1.8)	0.31 (7.9)	0.31 (7.8)	24	
54138UB	#4 AWG	#5 AWG,	#10	0.60 (15.2)	0.55 (14.0)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	29	Grey
54106UB	#4 AWG	40/50 Navy	¼	0.60 (15.2)	0.55 (14.0)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	29	
54139UB	#4 AWG	91/24	⅝	0.66 (16.8)	0.61 (15.5)	0.07 (1.8)	0.37 (9.4)	0.31 (7.8)	29	
54140UB	#4 AWG	133/0.0177	⅝	0.66 (16.8)	0.61 (15.5)	0.07 (1.8)	0.37 (9.4)	0.31 (7.8)	29	
256-30695-264UB	#4 AWG	49/0.029	⅝	0.66 (16.8)	0.61 (15.5)	0.07 (1.8)	0.37 (9.4)	0.31 (7.8)	29	
54107UB	#2 AWG	#3 AWG	¼	0.65 (16.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	33	Brown
54142UB	#2 AWG	60 Navy	⅝	0.88 (22.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	33	
54143UB	#2 AWG	125/24	⅝	0.80 (20.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	33	
54145UB	#2 AWG	#4 Weld	½	1.08 (27.4)	0.75 (19.1)	0.08 (2.0)	0.41 (10.4)	0.50 (12.7)	33	
54108UB	#1 AWG	#2 AWG, 75 Navy, #2	¼	0.65 (16.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	37	Green
54147UB	#1 AWG	Weld	⅝	0.93 (23.6)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	37	
54148UB	#1 AWG	150/24	⅝	0.98 (24.9)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	37	
54150UB	#1 AWG	175/24	⅝	0.98 (24.9)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	37	
54152UB	1/0 AWG	#1 AWG	¼	0.65 (16.5)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	42	Pink
54153UB	1/0 AWG	100 Navy, #1 Weld	⅝	0.88 (22.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	42	
54109UB	1/0 AWG	225/24	⅝	0.93 (23.6)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	42	
54155UB	1/0 AWG	133/0.0254	⅝	0.93 (23.6)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	42	
54157UB	2/0 AWG	0.389	½	1.25 (31.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.50 (12.7)	42	Black
54157UB	2/0 AWG	1/0 AWG, 125 Navy	¼	0.65 (16.5)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	45	
54158UB	2/0 AWG	1/0 Weld	⅝	0.88 (22.4)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	45	
54110UB	2/0 AWG	275/24	⅝	0.93 (23.6)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	45	
54160UB	2/0 AWG	427/0.0155,	½	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	45	
54162UB	3/0 AWG	133/0.0282	½	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	45	Orange
54162UB	3/0 AWG	2/0 AWG, 150 Navy	¼	0.65 (16.5)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)	50	
54163UB	3/0 AWG	2/0 Weld	⅝	0.88 (22.4)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	50	
54111UB	3/0 AWG	325/24	⅝	0.88 (22.4)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	50	
54165UB	3/0 AWG	133/0.0316,	⅝	0.93 (23.6)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	50	Orange
54165UB	3/0 AWG	259/0.0227	⅝	0.93 (23.6)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	50	
54165UB	3/0 AWG	427/0.0177	½	1.25 (31.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	50	Orange

Diagram



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