

# Compression connectors for copper conductors



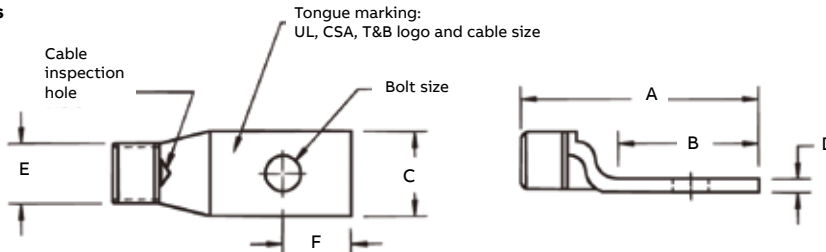
**Material** – High-conductivity wrought copper  
**Finish** – Electro tin plated



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

Cat no.	Code cable	Wire size		Dimensions in. (mm)						Die code	Colour code
		Flex cable classes G, H, I, K, M	Bolt size	A	B	C	D	E	F		
54101	#14-10 AWG	-	¼	1.23 (31.2)	0.56 (14.2)	0.50 (12.7)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	ERG2002	Yellow
256-30695-1351	#14-10 AWG		#8	1.36 (34.5)	0.68 (17.3)	0.36 (9.1)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	ERG2002	
256-30695-1352	#14-10 AWG		¼	1.36 (34.5)	0.68 (17.3)	0.41 (10.4)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	ERG2002	
256-30695-263	#14-10 AWG		¼	1.69 (43.0)	0.81 (20.6)	0.50 (12.7)	0.07 (1.8)	0.20 (5.1)	0.25 (6.4)	ERG2002	
54104	#8 AWG	#8 Str.,	#10	1.16 (29.5)	0.50 (12.7)	0.39 (9.9)	0.08 (2.0)	0.25 (6.4)	0.22 (5.6)	21	Red
54130	#8 AWG	23 Navy	¼	1.20 (30.5)	0.61 (15.5)	0.45 (11.4)	0.07 (1.8)	0.25 (6.4)	0.25 (6.4)	21	
54131	#8 AWG	#8 Weld	5/16	1.33 (33.8)	0.64 (16.3)	0.56 (14.2)	0.05 (1.3)	0.25 (6.4)	0.28 (7.1)	21	
54132	#8 AWG	37/24	3/8	1.33 (33.8)	0.64 (16.3)	0.56 (14.2)	0.05 (1.3)	0.25 (6.4)	0.28 (7.1)	21	
256-30695-424	#8 AWG	0.180	½	1.75 (44.5)	1.31 (33.3)	1.00 (25.4)	0.13 (3.3)	0.25 (6.4)	0.50 (12.7)	21	
256-30695-1361	#6 AWG	#6 Str.,	#12	1.23 (31.2)	0.53 (13.5)	0.44 (11.2)	0.07 (1.8)	0.31 (7.8)	0.22 (5.6)	24	Blue
54134	#6 AWG	#30 Navy	#10	1.23 (31.2)	0.53 (13.5)	0.44 (11.2)	0.07 (1.8)	0.31 (7.8)	0.22 (5.6)	24	
54105	#6 AWG	#6 Weld	¼	1.23 (31.2)	0.53 (13.5)	0.44 (11.2)	0.07 (1.8)	0.31 (7.8)	0.22 (5.6)	24	
54135	#6 AWG	61/24	5/16	1.41 (35.8)	0.67 (17.0)	0.60 (15.2)	0.07 (1.8)	0.31 (7.8)	0.31 (7.9)	24	
54136	#6 AWG	133/0.014,	3/8	1.41 (35.8)	0.67 (17.0)	0.60 (15.2)	0.07 (1.8)	0.31 (7.8)	0.31 (7.9)	24	
256-30695-282	#6 AWG	0.227	3/8	1.41 (35.8)	0.75 (19.1)	0.56 (14.2)	0.06 (1.5)	0.31 (7.8)	0.31 (7.9)	24	
256-30695-422	#6 AWG		½	1.75 (44.5)	1.31 (33.3)	1.00 (25.4)	0.13 (3.3)	0.31 (7.8)	0.50 (12.7)	24	
256-30695-1362	#4 AWG	#5 Str., 40-50	#12	1.38 (35.1)	0.60 (15.2)	0.55 (14.0)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	29	Grey
54138	#4 AWG	Navy	#10	1.38 (35.1)	0.60 (15.2)	0.55 (14.0)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	29	
54106	#4 AWG	91/24	¼	1.38 (35.1)	0.60 (15.2)	0.55 (14.0)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	29	
54139	#4 AWG	133/0.0177,	5/16	1.42 (36.1)	0.66 (16.8)	0.61 (15.5)	0.07 (1.8)	0.37 (9.4)	0.31 (7.9)	29	
54140	#4 AWG	49/0.029	3/8	1.42 (36.1)	0.66 (16.8)	0.61 (15.5)	0.07 (1.8)	0.37 (9.4)	0.31 (7.9)	29	
256-30695-233	#4 AWG	0.265	3/8	1.56 (37.0)	0.75 (19.1)	0.59 (15.0)	0.06 (1.5)	0.37 (9.4)	0.31 (7.9)	29	
256-30695-264	#4 AWG		½	2.20 (56.0)	1.40 (35.6)	1.00 (25.4)	0.06 (1.5)	0.37 (9.4)	0.50 (12.7)	29	
54107	#2 AWG	#3 Str.,	¼	1.50 (38.1)	0.65 (16.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	33	Brown
54142-TB	#2 AWG	#60 Navy	5/16	1.73 (43.9)	0.88 (22.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	33	
54143-TB	#2 AWG	125/24	3/8	1.65 (41.9)	0.80 (20.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	33	
54145-TB	#2 AWG	#4 Weld	½	1.92 (48.8)	1.08 (27.4)	0.75 (19.1)	0.08 (2.0)	0.41 (10.4)	0.50 (12.7)	33	
54108	#1 AWG	#2 Str., 75 Navy,	¼	1.50 (38.1)	0.65 (16.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	37	Green
54147	#1 AWG	#2 Weld	5/16	1.73 (43.9)	0.93 (23.6)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	37	
54148	#1 AWG	150/24, 175/24	3/8	1.78 (45.2)	0.98 (24.9)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	37	
54150	#1 AWG	133/0.0223,	½	2.10 (53.3)	1.25 (31.8)	0.76 (19.3)	0.11 (2.8)	0.47 (11.9)	0.50 (12.7)	37	

**Diagrams**



\* 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 section E31-E48 of the Tools, Dies and Kits catalogue.

# Compression connectors for copper conductors



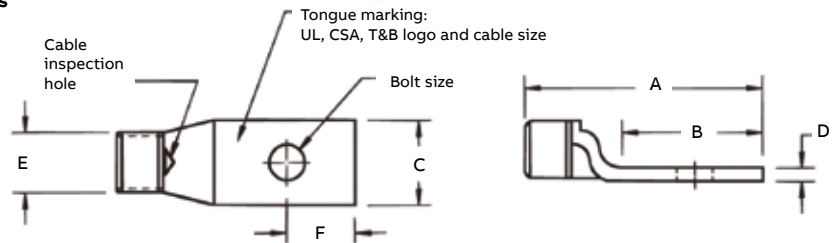
**Material** – High-conductivity wrought copper  
**Finish** – Electro tin plated



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

Cat no.	Code cable	Wire size			Dimensions in. (mm)						Die code	Colour code
		Flex cable classes G, H, I, K, M	Bolt size		A	B	C	D	E	F		
54152-TB	1/0 AWG	1 AWG, #100 Navy #1 Weld 225/24 133/0.0254, 0.389 min.	¼	1.60 (40.6)	0.65 (16.5)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	42	Pink	
54153-TB	1/0 AWG		5/16	1.83 (46.5)	0.88 (22.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	42		
54109	1/0 AWG		¾	1.88 (47.8)	0.93 (23.6)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	42		
54155-TB	1/0 AWG		½	2.20 (55.9)	1.25 (31.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.50 (12.7)	42		
256-30695-1383	1/0 AWG		5/8	2.54 (64.5)	1.50 (38.1)	0.88 (22.4)	0.13 (3.3)	0.52 (13.2)	0.63 (16.0)	42		
54157	2/0 AWG	1/0 AWG, 125 Navy 1/0 Weld 275/24 427/0.0155, 438 min. 133/0.0282	¼	1.65 (41.9)	0.65 (16.5)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	45	Black	
54158	2/0 AWG		5/16	1.88 (47.8)	0.88 (22.4)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	45		
54110	2/0 AWG		¾	1.93 (49.0)	0.93 (23.6)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	45		
54160	2/0 AWG		½	2.25 (57.2)	1.25 (31.6)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	45		
256-30695-131	2/0 AWG		5/8	2.56 (65.0)	1.50 (38.1)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.63 (16.0)	45		
54162-TB	3/0 AWG	2/0 AWG, 150 Navy 2/0 Weld, 325/24 133/0.0316, 259/0.0227 427/0.0177, 0.500	¼	1.75 (44.5)	0.65 (16.5)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)	50	Orange	
54163-TB	3/0 AWG		5/16	1.98 (50.3)	0.88 (22.4)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	50		
54111	3/0 AWG		¾	2.03 (51.6)	0.93 (23.6)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	50		
54165-TB	3/0 AWG		½	2.35 (59.7)	1.25 (31.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	50		
256-30695-1174	4/0 AWG		5/8	2.86 (72.6)	1.56 (39.6)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.75 (19.1)	54		
54167	4/0 AWG	3/0 AWG, 200 Navy 3/0 Weld 450/24 703/0.0154, 0.560	¼	1.90 (48.3)	0.65 (16.5)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	54	Purple	
54168	4/0 AWG		5/16	2.13 (54.1)	0.87 (22.1)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	54		
54112	4/0 AWG		¾	2.18 (55.4)	0.93 (23.6)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	54		
54170	4/0 AWG		½	2.50 (63.5)	1.25 (31.8)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	54		
256-30695-1174	4/0 AWG		3/4	2.86 (72.6)	1.56 (39.6)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.75 (19.1)	54		
58161	-	4/0 Weld 550/24 130/0.0399 259/0.0286 66	¼	2.23 (56.6)	0.78 (19.8)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	62	Yellow	
58162	-		5/16	2.33 (59.2)	0.88 (22.4)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	62		
58163	-		¾	2.38 (60.5)	0.93 (23.6)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	62		
58165	-		½	2.76 (70.1)	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.50 (12.7)	62		
58166	-		5/8	3.03 (77.0)	1.58 (40.1)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.83 (21.1)	62		
54172-TB	250 kcmil	4/0 250 Navy 0.629	¼	2.00 (50.8)	0.65 (16.5)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	62	Yellow	
54173	250 kcmil		5/16	2.23 (56.6)	0.88 (22.4)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	62		
54174	250 kcmil		¾	2.28 (57.9)	0.93 (23.6)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	62		
54113	250 kcmil		½	2.60 (66.0)	1.25 (31.8)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	62		

**Diagrams**



\* 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 section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

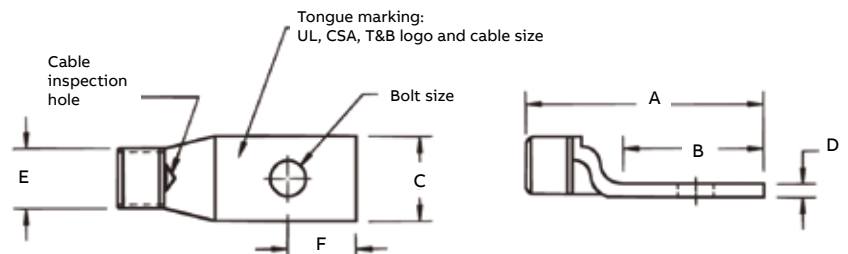
**Finish** – Electro tin plated



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

Cat no.	Code cable	Wire size		Dimensions in. (mm)							Die code	Colour code
		Flex cable classes G, H, I, K, M	Bolt size	A	B	C	D	E	F			
58168	–	250 Weld 650/24 = 262 kcmil 259/0.0311, 703/0.0189	½	2.70 (68.6)	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	66	White	
54178	300 kcmil	250 kcmil	¼	2.33 (59.2)	0.88 (22.4)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	66		
54179		300 Navy 0.660	¾	2.43 (61.7)	0.93 (23.6)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	66		
54114			½	2.70 (68.6)	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	66		
54181			⅝	3.03 (77.0)	1.58 (40.1)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.75 (19.1)	66		
58171	–	300 Weld, 259/0.034 427/0.0265, 889/0.0183 775/24 = 313 kcmil, 0.719	½	2.85 (72.4)	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71	Red	
256-30695-112	350 kcmil	350 Navy 0.719	¾	2.90 (73.7)	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71		
54115	350 kcmil		½	2.85 (72.4)	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71		
54183	350 kcmil		⅝	3.21 (81.5)	1.28 (32.5)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.75 (19.1)	71		
58174	–	350 Weld, 259/0.0368 427/0.0285 889/0.0201	½	3.35 (85.1)	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.09 (27.7)	0.50 (12.7)	76	Blue	
54116	400 kcmil	300 kcmil, 400 Navy, 0.757	½	3.20 (81.3)	1.25 (31.8)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)	76		
54185	400 kcmil		⅝	3.53 (89.7)	1.58 (40.1)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.75 (19.1)	76		
58177	–	400 Weld 925/24 = 373 kcmil	½	3.31 (84.1)	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	80	–	
256-30695-1403	–	259/0.0393 or 427/0.0306, 0.799	¾	3.31 (84.1)	1.31 (33.3)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.63 (16.0)	80		
256-30695-339	500 kcmil	925/24	¾	3.10 (78.7)	1.00 (25.4)	1.61 (40.9)	0.22 (5.6)	1.10 (28.0)	0.38 (9.7)	87	Brown	
54118	500 kcmil	500 Navy 0.850	½	3.30 (83.8)	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	87		
54187	500 kcmil		⅝	3.63 (92.2)	1.58 (40.1)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.63 (16.0)	87		
58180	–	1100/24 = 444 kcmil 500 Weld, 259/0.0417 427/0.0325, 703/0.0253	⅝	3.79 (96.3)	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.63 (16.0)	94	Green	
256-30695-1370	600 kcmil	0.956	½	3.65 (92.7)	1.44 (36.6)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.48 (12.2)	94		
54120	600 kcmil		⅝	3.79 (96.3)	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.63 (16.0)	94		

Diagram



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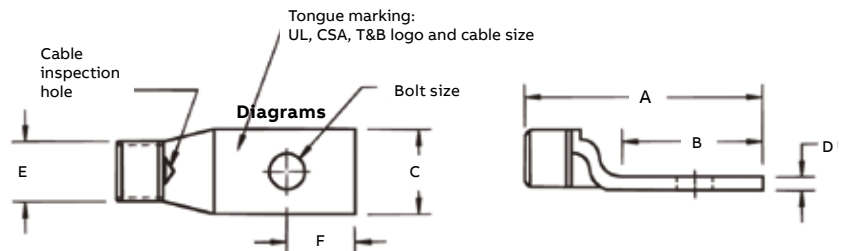
**Material** – High-conductivity wrought copper  
**Finish** – Electro tin plated



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

Cat no.	Code cable	Wire size		Dimensions in. (mm)							Die code	Colour code
		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	1/2	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	1/2	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	1/2	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 =	1/2	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 section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

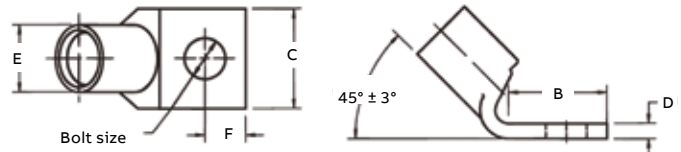
**Finish** – Electro tin plated



One-hole lugs – 45° 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		
54104UF	#8 AWG	#8 Str., 23 Navy	#10	0.50 (12.7)	0.39 (9.9)	0.08 (2.0)	0.25 (6.4)	0.22 (5.6)	21	Red
54130UF	#8 AWG	#8 weld 37/24	¼	0.61 (15.5)	0.45 (11.4)	0.07 (1.8)	0.25 (6.4)	0.25 (6.4)	21	
54131UF	#8 AWG	0.180	⅝	0.64 (16.3)	0.56 (14.2)	0.05 (1.3)	0.25 (6.4)	0.28 (7.1)	21	
54132UF	#8 AWG		⅜	0.64 (16.3)	0.56 (14.2)	0.05 (1.3)	0.25 (6.4)	0.28 (7.1)	21	
54134UF	#6 AWG	#6 Str., 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
54105UF	#6 AWG	#6 Weld 61/24	¼	0.53 (13.5)	0.44 (11.2)	0.07 (1.8)	0.31 (7.9)	0.22 (5.6)	24	
54135UF	#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	
54136UF	#6 AWG	0.227	⅜	0.67 (17.0)	0.60 (15.2)	0.07 (1.8)	0.31 (7.9)	0.31 (7.8)	24	
54138UF	#4 AWG	#5 Str., 40-50 Navy	#10	0.60 (15.2)	0.55 (14.0)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	29	Grey
54106UF	#4 AWG	91/24	¼	0.60 (15.2)	0.55 (14.0)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	29	
54139UF	#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	
54140UF	#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	
256-30695-264UF	#4 AWG	0.265	⅜	0.66 (16.8)	0.61 (15.5)	0.07 (1.8)	0.37 (9.4)	0.31 (7.8)	29	
54107UF	#2 AWG	#3 Str.	¼	0.65 (16.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	33	Brown
54142UF	#2 AWG	60 Navy 125/24	⅝	0.88 (22.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	33	
54143UF	#2 AWG	#4 Weld	⅜	0.80 (20.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	33	
54145UF	#2 AWG	0.300	½	1.08 (27.4)	0.75 (19.1)	0.08 (2.0)	0.41 (10.4)	0.50 (12.7)	33	
54108UF	#1 AWG	#2 AWG, 75 Navy, #2 Weld	¼	0.65 (16.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	37	Green
54147UF	#1 AWG	150/24	⅝	0.93 (23.6)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	37	
54148UF	#1 AWG	175/24	⅜	0.98 (24.9)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	37	
54150UF	#1 AWG	133/0.0223	½	1.25 (31.8)	0.76 (19.3)	0.11 (2.8)	0.47 (11.9)	0.50 (12.7)	37	
54152UF	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
54153UF	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	
54109UF	1/0 AWG	225/24	⅜	0.93 (23.6)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	42	
54155UF	1/0 AWG	133/0.0254	½	1.25 (31.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.50 (12.7)	42	
54157UF	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	Black
54158UF	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	
54110UF	2/0 AWG	275/24	⅜	0.93 (23.6)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	45	
54160UF	2/0 AWG	427/0.0155, 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	

### Diagrams



\* 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 section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



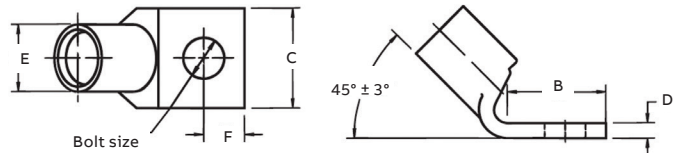
**Material** – High-conductivity wrought copper  
**Finish** – Electro tin plated



One-hole lugs – 45° Standard barrel certified to 600 V and recommended up to 35 kV\* (continued)

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		
54162UF	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	Orange
54163UF	3/0 AWG	2/0 Weld, 325/24	⅝ <sub>16</sub>	0.88 (22.4)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	50	
54111UF	3/0 AWG	133/0.0316, 259/0.0227	⅜	0.93 (23.6)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	50	
54165UF	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	
58147UF*	–	375/24	¼	0.78 (19.8)	1.03 (26.2)	0.16 (4.1)	0.70 (17.8)	0.34 (8.6)	50	
58148UF*	–		⅝ <sub>16</sub>	0.78 (19.8)	1.03 (26.2)	0.16 (4.1)	0.70 (17.8)	0.34 (8.6)	50	
58149UF*	–		⅜	0.81 (20.6)	1.03 (26.2)	0.16 (4.1)	0.70 (17.8)	0.38 (9.7)	50	
58151UF*	–		½	1.06 (26.9)	1.03 (26.2)	0.16 (4.1)	0.70 (17.8)	0.50 (12.7)	50	
54167UF	4/0 AWG	3/0 AWG	¼	0.65 (16.5)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	54	Purple
54168UF	4/0 AWG	200 Navy, 3/0 Weld	⅝ <sub>16</sub>	0.87 (22.1)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	54	
54112UF	4/0 AWG	450/24	⅜	0.93 (23.6)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	54	
54170UF	4/0 AWG	703/0.0154	½	1.25 (31.8)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	54	
58161UF	–	4/0 AWG, 4/0 Weld	¼	0.78 (19.8)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	62	Yellow
58162UF	–	550/24	⅝ <sub>16</sub>	0.88 (22.4)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	62	
58163UF	–	133/0.0399	⅜	0.93 (23.6)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	62	
58165UF	–	259/0.0286	½	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.50 (12.7)	62	
58166UF	–	637/0.0183	⅝ <sub>8</sub>	1.58 (40.1)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.63 (16.0)	62	
54172UF	250 kcmil	4/0 AWG	¼	0.65 (16.5)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.25 (6.4)	62	
54173UF	250 kcmil	250 Navy	⅝ <sub>16</sub>	0.88 (22.4)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	62	
54174UF	250 kcmil	550/24	⅜	0.93 (23.6)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	62	
54113UF	250 kcmil		½	1.25 (31.8)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	62	
58168UF	–	250 Weld, 650/24	½	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	66	White
		259/0.0311, 703/0.0189								
54178UF	300 kcmil	250 kcmil	⅝ <sub>16</sub>	0.88 (22.4)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	66	
54179UF-1	300 kcmil	300 Navy	⅜	0.93 (23.6)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	66	
54114UF	300 kcmil	650/24	½	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	66	
54181UF	300 kcmil		⅝ <sub>8</sub>	1.58 (40.1)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.63 (16.0)	66	

Diagrams



\* Not CSA approved.

\* 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 section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

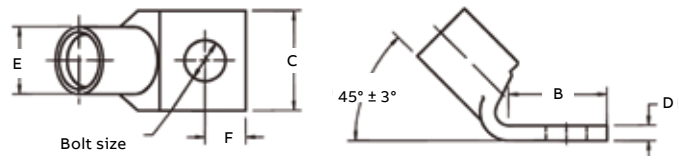
**Finish** – Electro tin plated



One-hole lugs – 45° Standard barrel certified to 600 V and recommended up to 35 kV<sup>†</sup> (continued)

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			
58171UF	–	300 kcmil, 300 Weld 259/0.034, 427/0.0265 889/0.0183 775/24 = 313 kcmil	½	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71	Red	
256-30695-112UF	350 kcmil	650/24	¾	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71	Red	
54115UF	350 kcmil	350 Navy 262 kcmil	½	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71		
54183UF	350 kcmil		¾	1.58 (40.1)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.63 (16.0)	71		
58174UF	–	350 Weld 259/0.0368, 427/0.0285 703/0.0224, 889/0.0201	½	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.09 (27.7)	0.50 (12.7)	76	Blue	
54116UF	400 kcmil	300 kcmil, 400 Navy 775/24, 313 kcmil	½	1.25 (31.8)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)	76	Blue	
54185UF	400 kcmil		¾	1.58 (40.1)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.63 (16.0)	76		
256-30695-1403UF	–	350 kcmil, 400 Weld 925/24 = 373 kcmil	¾	1.31 (28.7)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.63 (16.0)	80	–	
58177UF	–		½	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	80		
54118UF	500 kcmil	925/24	½	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	87	Brown	
58187UF	500 kcmil	500 Navy 400 kcmil	¾	1.58 (40.1)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.63 (16.0)	87		
58180UF	–	1,100/24 = 444 kcmil 500 Weld, 259/0.0417 427/0.0325, 703/0.0253	¾	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	94	Green	
58120UF	600 kcmil	1,110/24 = 444 kcmil	¾	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	94		
54122UF	700 kcmil	1,325/24 = 500 kcmil	¾	1.58 (40.1)	1.84 (46.7)	0.23 (5.8)	1.26 (32.0)	0.50 (12.7)	99	Pink	
256-30695-840UF	–	1,325/24 = 535 kcmil 427/0.0342	½	1.69 (42.9)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.81 (20.6)	99	Pink	
58182UF	–		¾	1.58 (40.1)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.63 (16.0)	99		
54123UF	750 kcmil	1,325/24 = 535 kcmil	¾	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106	Black	
58184UF	–	1,600/24 = 646 kcmil	¾	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106		
54124UF	800 kcmil	800 Navy	¾	1.58 (40.1)	2.01 (51.1)	0.27 (6.9)	1.38 (35.1)	0.63 (16.0)	107	Orange	
54126UF	900 kcmil	1,925/24 = 777 kcmil	¾	1.58 (40.1)	2.17 (55.1)	0.31 (7.9)	1.50 (38.1)	0.63 (16.0)	115	Yellow	
54128UF	1,000 kcmil	1,000 Navy	¾	1.58 (40.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.63 (16.0)	125	–	

### Diagrams



<sup>†</sup> 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 section E31-E48 of the Tools, Dies and Kits catalogue.

# Compression connectors for copper conductors



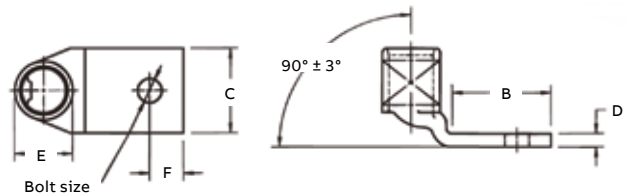
**Material** – High-conductivity wrought copper  
**Finish** – Electro tin plated



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	⅜	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	⅜	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	⅜	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	½	1.40 (35.6)	1.00 (25.4)	0.06 (1.5)	0.37 (9.4)	0.50 (12.7)	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	⅜	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	⅜	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	½	1.25 (31.8)	0.76 (19.3)	0.11 (2.8)	0.47 (11.9)	0.50 (12.7)	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	⅜	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	½	1.25 (31.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.50 (12.7)	42		
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	Black	
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	⅜	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	¼	0.65 (16.5)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)	50	Orange	
54163UB	3/0 AWG	2/0 AWG, 150 Navy,	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	2/0 Weld	⅜	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	325/24	½	1.25 (31.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	50		

**Diagrams**



\* 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 section E31-E48 of the Tools, Dies and Kits catalogue.



## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

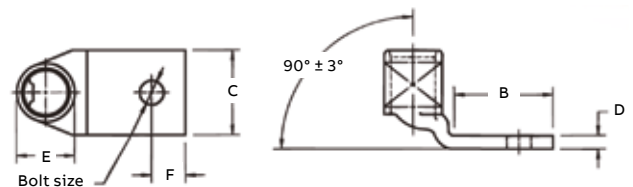
**Finish** – Electro tin plated



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

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		
54167UB	–	3/0 AWG, 200 Navy,	¼	0.65 (16.5)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.34 (8.6)	54	Purple	
54168UB	–	3/0 Weld	⅝	0.87 (22.1)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.34 (8.6)	54		
54112UB	–	450/24	¾	0.93 (23.6)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	54		
54170UB	–	703/0.0154	½	1.25 (31.8)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	54		
58161UB	4/0 AWG	3/0 AWG, 4/0 Weld	¼	0.78 (19.8)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	62	Yellow	
58162UB	4/0 AWG	550/24	⅝	0.88 (22.4)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	62		
58163UB	4/0 AWG	133/0.0399	¾	0.93 (23.6)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	62		
58165UB	4/0 AWG	259/0.0286	½	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.50 (12.7)	62		
58166UB	4/0 AWG	637/0.0183	⅝	1.58 (40.1)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.63 (16.0)	62		
54172UB	250 kcmil	4/0 AWG	¼	0.65 (16.5)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.25 (6.4)	62		
54173UB	250 kcmil	250 Navy	⅝	0.88 (22.4)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	62		
54174UB	250 kcmil	550/24	¾	0.93 (23.6)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	62		
54113UB	250 kcmil		½	1.25 (31.8)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	62		
58168UB	–	250 Weld	½	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	66	White	
		650/24 = 262 kcmil									
		259/0.0311, 703/0.0189									
54178UB	300 kcmil	250 kcmil	⅝	0.88 (22.4)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	66		
54179UB	300 kcmil	300 Navy	¾	0.93 (23.6)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	66		
54114UB	300 kcmil	650/24	½	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	66		
54181UB	300 kcmil		⅝	1.58 (40.1)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.63 (16.0)	66		
58171UB	–	300 Weld, 259/0.034	½	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71	Red	
		427/0.0265, 889/0.0183									
		775/24 = 313 kcmil									
256-30695-112UB	350 kcmil	650/24, 350 Navy	¾	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71		
54115UB	350 kcmil	262 kcmil	½	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71		
54183UB	350 kcmil		⅝	1.58 (40.1)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.63 (16.0)	71		
58174UB	–	350 Weld	½	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.09 (27.7)	0.50 (12.7)	76	Blue	
		259/0.0368, 427/0.0285									
		703/0.0224, 889/0.0201									
54116UB	400 kcmil	300 kcmil, 400 Navy	½	1.25 (31.8)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)	76		
54185UB	400 kcmil	775/24, 313 kcmil	⅝	1.58 (40.1)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.63 (16.0)	76		

### Diagrams



\* 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 section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



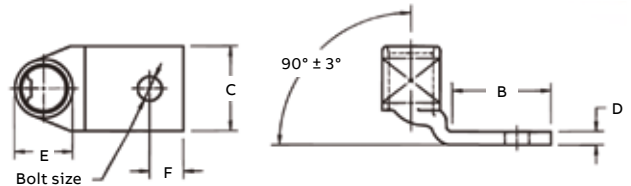
**Material** – High-conductivity wrought copper  
**Finish** – Electro tin plated



One-hole lugs – 90° Standard barrel certified to 600 V and recommended up to 35 kV<sup>†</sup> (continued)

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		
256-30695-1403UB	–	400 Weld 925/24 = 373 kcmil	5/8		1.31 (33.3)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.63 (16.0)	80	–
58177UB	–	259/0.0393, 427/0.0306	1/2		1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	80	
54118UB	500 kcmil	400 kcmil, 500 Navy 925/24	1/2		1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	87	Brown
54187UB	500 kcmil		5/8		1.58 (40.1)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.63 (16.0)	87	
58180UB	–	1,100/24 = 444 kcmil 500 Weld, 259/0.0417 427/0.0325, 703/0.0253	5/8		1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	94	Green
54120UB	600 kcmil	1100/24 = 444 kcmil	5/8		1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	94	
54122UB	700 kcmil	1,325/24, 535 kcmil 500 AWG, 550/535	5/8		1.58 (40.1)	1.84 (46.7)	0.23 (5.8)	1.26 (32.0)	0.50 (12.7)	99	Pink
256-30695-840UB	–	1,325/24 = 535 kcmil 427/0.0342	1/2		1.69 (42.9)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.63 (16.0)	99	
58182UB	–		5/8		1.58 (40.1)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.63 (16.0)	99	
54123UB	750 kcmil	–	5/8		1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106	Black
58184UB	–	1,600/24 = 646 kcmil	5/8		1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106	
54124UB	800 kcmil	800 Navy	5/8		1.58 (40.1)	2.01 (51.1)	0.27 (6.9)	1.38 (35.1)	0.63 (16.0)	107	Orange
54126UB	900 kcmil	1,925/24 = 777 kcmil	5/8		1.58 (40.1)	2.17 (55.1)	0.31 (7.9)	1.50 (38.1)	0.63 (16.0)	115	Yellow
54128UB	1,000 kcmil	1,000 Navy	5/8		1.58 (40.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.63 (16.0)	125	–

Diagrams



<sup>†</sup> 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 section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

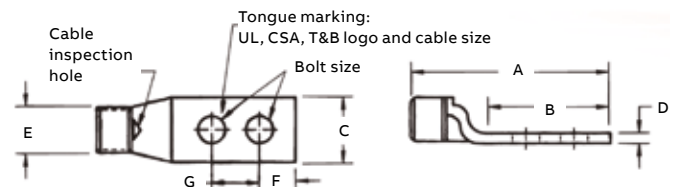
**Finish** – Electro tin plated



Two-hole lugs – 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	A	B	C	D	E	F	G		
54201	#14–10 AWG		– ¼	1.86 (47.2)	1.19 (30.2)	0.50 (12.7)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	0.63 (16.0)	ERG2002	Yellow
256-30695-1302	#14–10 AWG		¾	2.48 (63.0)	1.81 (46.0)	0.56 (14.2)	0.04 (1.0)	0.22 (5.6)	0.38 (9.7)	1.00 (25.4)	ERG2002	
54204	#8 AWG	#8 AWG,	#10	1.88 (47.8)	1.18 (30.0)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	0.63 (16.0)	21	Red
256-31426-33*	#8 AWG	23 Navy	#10	1.88 (47.8)	1.18 (30.0)	0.41 (10.4)	0.06 (1.5)	0.26 (6.6)	0.23 (5.8)	0.75 (19.0)	21	
256-31426-33PH	#8 AWG	#8 Weld	#10	1.88 (47.8)	1.18 (30.0)	0.41 (10.4)	0.06 (1.5)	0.26 (6.6)	0.23 (5.8)	0.75 (19.0)	21	
542040410	#8 AWG	37/24	¼	2.01 (51.1)	1.31 (33.3)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	0.63 (16.0)	21	
542040416	#8 AWG		¼	2.38 (60.5)	1.68 (42.7)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	1.00 (25.4)	21	
256-30695-1094	#8 AWG		¼	2.50 (63.5)	1.81 (46.0)	0.56 (14.22)	0.05 (1.3)	0.26 (6.6)	0.25 (6.4)	0.75 (19.0)	21	
256-30695-251	#8 AWG		¾	2.50 (63.5)	1.81 (46.0)	0.56 (14.22)	0.05 (1.3)	0.26 (6.6)	0.38 (9.7)	1.00 (25.4)	21	
256-30695-1070	#6 AWG	#6 AWG,	#12	1.81 (46.0)	1.19 (30.2)	0.44 (11.2)	0.11 (2.8)	0.30 (7.6)	0.25 (6.4)	0.50 – 0.63 (12.7 – 16.0)	24	Blue
		30 Navy										
256-30695-1153	#6 AWG	#6 Weld	#10	1.98 (50.3)	1.28 (32.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.50 (12.7)	24	
256-30695-1183	#6 AWG	61/24	#10	1.98 (50.3)	1.19 (30.2)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.22 (5.6)	0.63 – 0.75 (16.0 – 19.0)	24	
		133/0.014										
54205	#6 AWG		¼	1.98 (50.3)	1.28 (32.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.63 (16.0)	24	
256-30695-1095	#6 AWG		¼	2.13 (54.1)	1.31 (33.3)	0.43 (10.9)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.75 (19.0)	24	
256-30695-252	#6 AWG		¼	2.38 (60.5)	1.63 (41.4)	0.43 (10.9)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	1.00 (25.4)	24	
256-30695-372	#6 AWG		¼	2.13 (54.1)	1.43 (36.3)	0.43 (10.9)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.75 (19.0)	24	
256-30695-913	#6 AWG		¼	2.38 (60.5)	1.75 (44.5)	0.43 (10.9)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	1.00 (25.4)	24	
256-30695-253	#6 AWG		¾	2.58 (65.3)	1.81 (45.9)	0.55 (14.0)	0.08 (2.0)	0.30 (7.6)	0.38 (9.7)	1.00 (25.4)	24	
54206	#4 AWG	#5 AWG	¼	2.03 (51.6)	1.28 (32.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)	29	Grey
		40-50 Navy										
256-30695-1184	#4 AWG	91/24	5/16	2.31 (58.7)	1.63 (41.4)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.31 (7.9)	1.00 (25.4)	29	
256-30695-255	#4 AWG	133/0.0177	¾	2.56 (65.0)	1.81 (45.9)	0.59 (15.0)	0.09 (2.3)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)	29	
		49/0.029										
54207	#2 AWG	#3 AWG	¼	2.13 (54.1)	1.28 (32.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.63 (16.0)	33	Brown
		60 Navy										
256-30695-1355	#2 AWG	125/24,	¼	2.15 (54.6)	1.31 (33.3)	0.59 (15.0)	0.13 (3.3)	0.41 (10.4)	0.25 (6.4)	0.75 (19.0)	33	
256-30695-1185	#2 AWG	#4 Weld	¼	2.38 (60.5)	1.53 (38.9)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	1.00 (25.4)	33	
256-30695-257	#2 AWG		¾	2.67 (67.8)	1.81 (45.9)	0.60 (15.2)	0.10 (2.5)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)	33	
256-30695-1049	#2 AWG		½	3.75 (95.3)	2.88 (73.2)	0.75 (19.1)	0.09 (2.3)	0.41 (10.4)	0.31 (7.9)	1.75 (44.5)	33	
54208	#1 AWG	#2 AWG,	¼	2.13 (54.1)	1.28 (32.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)	37	Green
		75 Navy										
256-30695-1233	#1 AWG	150/24	5/16	2.69 (68.3)	1.62 (41.2)	0.69 (17.5)	0.13 (3.3)	0.47 (11.9)	0.34 (8.6)	1.00 (25.4)	37	
256-30695-1236	#1 AWG	175/24	¾	2.75 (69.9)	1.81 (45.9)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	1.00 (25.4)	37	
		133/0.0223										

### Diagrams



\* Blind end

\* 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 section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



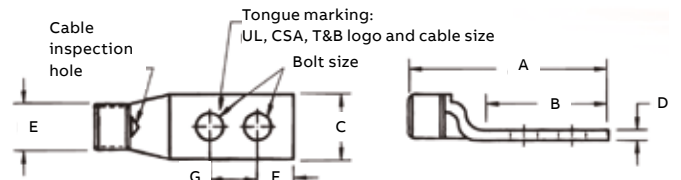
**Material** – High-conductivity wrought copper  
**Finish** – Electro tin plated



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

Cat no.	Code cable	Wire size		Dimensions in. (mm)								Die code	Colour code
		Flex cable classes G, H, I, K, M	Bolt size	A	B	C	D	E	F	G			
256-30695-329	1/0 AWG	#1 AWG	¼	2.75 (69.9)	1.81 (45.9)	0.75 (19.1)	0.14 (3.6)	0.52 (13.2)	0.38 (9.7)	0.75 (19.4)	42	Pink	
54255	1/0 AWG	100 Navy, #1 Weld	⅜	2.56 (65.0)	1.56 (39.6)	0.75 (19.1)	0.14 (3.6)	0.52 (13.2)	0.38 (9.7)	0.88 (22.4)	42		
256-30695-1234	1/0 AWG	225/24	⅜	2.75 (69.9)	1.78 (45.2)	0.75 (19.1)	0.14 (3.6)	0.52 (13.2)	0.33 (8.4)	1.00 (25.4)	42		
54209	1/0 AWG	133/0.0254	⅜	2.88 (73.2)	1.93 (49.0)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42		
256-30695-1265	1/0 AWG		⅜	3.50 (89.0)	2.57 (65.3)	0.75 (19.1)	0.14 (3.6)	0.52 (13.2)	0.38 (9.7)	1.75 (44.5)	42		
256-30695-886	1/0 AWG		½	3.78 (96.0)	2.83 (71.2)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.5 (12.7)	1.75 (44.5)	42		
256-30695-1175	2/0 AWG	1/0 AWG,	¼	2.45 (6.2)	1.44 (36.6)	0.83 (21.1)	0.14 (3.6)	0.57 (14.5)	0.25 (6.4)	0.75 (19.0)	45	Black	
54261	2/0 AWG	125 Navy	⅜	2.70 (68.6)	1.63 (41.4)	0.83 (21.1)	0.14 (3.6)	0.57 (14.5)	0.33 (8.4)	0.88 (22.4)	45		
256-30695-832	2/0 AWG	1/0 Weld	⅜	2.88 (73.2)	1.81 (45.9)	0.81 (20.6)	0.14 (3.6)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	45		
54210	2/0 AWG	275/24	⅜	2.93 (74.4)	1.93 (49.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	45		
54260	2/0 AWG	133/0.0282	⅜	2.93 (74.4)	1.93 (49.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	45		
54260	2/0 AWG		½	3.83 (97.3)	2.81 (71.4)	0.83 (21.1)	0.14 (3.6)	0.57 (14.5)	0.38 (9.7)	1.75 (44.5)	45		
54266	3/0 AWG	150 Navy, 2/0 Weld	⅜	2.88 (73.2)	1.75 (44.5)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.33 (8.4)	1.00 (25.4)	50	Orange	
54211	3/0 AWG	2/0 AWG, 325/24	⅜	2.94 (74.7)	1.81 (46.0)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)	50		
54265	3/0 AWG	133/0.0316	½	3.94 (100.1)	2.81 (71.4)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.50 (12.7)	1.75 (44.5)	50		
54265	3/0 AWG	259/0.0227	½	3.94 (100.1)	2.81 (71.4)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.50 (12.7)	1.75 (44.5)	50		
54265	3/0 AWG	427/0.0177	½	3.94 (100.1)	2.81 (71.4)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.50 (12.7)	1.75 (44.5)	50		
54212	4/0 AWG	3/0 AWG, 200 Navy	⅜	3.18 (80.8)	1.93 (49.0)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54	Purple	
54270	4/0 AWG	3/0 Weld	½	4.25 (108.0)	3.00 (76.2)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	1.75 (44.5)	54		
256-30695-1247	4/0 AWG	450/24 = 182 kcmil	¼	3.06 (77.7)	1.44 (36.6)	1.03 (26.2)	0.16 (4.1)	0.70 (17.8)	0.38 (9.7)	0.63 (16.0)	54		
256-30695-331	4/0 AWG	703/0.0154	¼	3.06 (77.7)	1.81 (46.0)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	0.75 (19.1)	54		
256-30695-1261	4/0 AWG		⅜	3.18 (80.8)	1.93 (49.0)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54		
54213	250 kcmil	4/0 AWG	⅜	3.28 (83.3)	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)	62		
54275	250 kcmil	250 Navy	½	4.19 (106.4)	2.81 (71.4)	1.13 (28.7)	0.18 (4.6)	0.77 (19.6)	0.50 (12.7)	1.75 (44.5)	62	Yellow	
256-30695-345	–	4/0 AWG, 4/0 Weld	⅜	3.25 (82.6)	1.69 (42.9)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	0.88 (22.4)	62		
256-30695-835	–	550/24 = 222 kcmil	⅜	4.25 (108.0)	2.80 (71.1)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	1.00 (25.4)	62		
256-30695-452	–	133/0.0399	⅜	3.13 (79.5)	1.88 (47.8)	1.25 (31.8)	0.16 (4.1)	0.79 (20.1)	0.38 (9.7)	0.88 (22.4)	62		
58265	–	259/0.0286	⅜	3.13 (79.5)	1.88 (47.8)	1.25 (31.8)	0.16 (4.1)	0.79 (20.1)	0.38 (9.7)	0.88 (22.4)	62		
58265	–	637/0.018	½	3.94 (100.1)	2.81 (71.4)	0.94 (23.9)	0.14 (3.6)	0.79 (20.1)	0.50 (12.7)	1.75 (44.5)	62		
54214	300 kcmil	250 AWG, 300 Navy	⅜	3.45 (87.6)	1.93 (49.0)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	1.00 (25.4)	66	White	
54280	300 kcmil	650/24 = 262 kcmil	½	4.45 (113.0)	3.00 (76.2)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	1.75 (44.5)	66		
256-30695-332	350 kcmil	350 Navy	¼	3.40 (86.4)	1.81 (46.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	0.75 (19.1)	71	Red	
256-30695-1240	350 kcmil		⅜	4.18 (106.2)	2.63 (66.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.75 (44.5)	71		
54215	350 kcmil		⅜	3.51 (89.2)	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)	71		
54282	350 kcmil		½	4.60 (116.8)	3.00 (76.2)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	1.75 (44.5)	71		

**Diagrams**



\* 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 section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

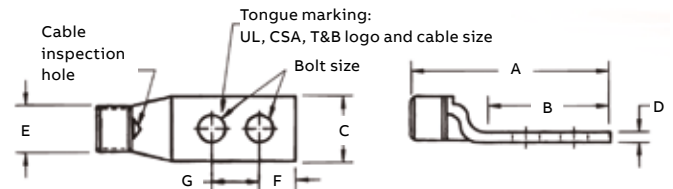
**Finish** – Electro tin plated



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

Cat no.	Code cable	Wire size		Bolt size	Dimensions in. (mm)							Die G code	Colour code
		Flex cable classes G, H, I, K, M			A	B	C	D	E	F			
54216	400 kcmil	300 kcmil, 313 kcmil		3/8	3.93 (99.8)	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.00 (25.4)	76	Blue
54283	400 kcmil		775/24	3/8	3.88 (98.6)	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.06 (26.9)	76	Blue
256-30695-439	–	400 Weld		3/8	4.35 (110.5)	2.25 (57.2)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	1.00 (25.4)	80	–
58277	–	925/24 = 373 kcmil		1/2	5.06 (128.5)	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	1.75 (44.5)	80	–
256-30695-839	–	259/0.0393		3/8	4.09 (103.9)	2.06 (52.3)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	1.00 (25.4)	80	–
256-30695-839	–	427/0.0306		3/8	4.09 (103.9)	2.06 (52.3)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	1.00 (25.4)	80	–
54218	500 kcmil	400 kcmil		3/8	3.96 (100.6)	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)	87	Brown
54286	500 kcmil	500 Navy		1/2	5.07 (128.8)	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.75 (44.5)	87	Brown
256-30695-188	500 kcmil			1/2	4.06 (103.1)	2.31 (58.7)	1.63 (41.4)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.25 (31.8)	87	Brown
54220	600 kcmil	–		3/8	4.13 (104.9)	1.93 (49.0)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.38 (9.7)	1.00 (25.4)	94	Green
54289	600 kcmil	–		1/2	5.23 (132.8)	3.00 (76.2)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	1.75 (44.5)	94	Green
256-30695-1406	700 kcmil	550/535		3/8	4.05 (102.9)	2.11 (53.6)	1.78 (45.2)	0.24 (6.1)	1.25 (31.8)	0.50 (12.7)	1.00 (25.4)	99	Pink
256-30695-842	700 kcmil	1,325/24		3/8	4.30 (109.2)	2.06 (52.3)	1.80 (45.7)	0.28 (7.1)	1.25 (31.8)	0.50 (12.7)	1.00 (25.4)	99	Pink
256-30695-898	700 kcmil	500 AWG		3/8	4.30 (109.2)	2.06 (52.3)	1.80 (45.7)	0.28 (7.1)	1.25 (31.8)	0.50 (12.7)	1.00 (25.4)	99	Pink
54291	700 kcmil	–		1/2	5.18 (131.6)	3.00 (76.2)	1.84 (46.7)	0.23 (5.8)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)	99	Pink
58281	700 kcmil	1,325/24 = 535 kcmil		1/2	5.23 (132.8)	3.00 (76.2)	1.80 (45.7)	0.28 (7.1)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)	99	Pink
256-30695-237	750 kcmil	–		3/8	5.10 (129.5)	2.80 (71.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.38 (9.7)	1.00 (25.4)	106	Black
54223	750 kcmil	–		1/2	5.32 (135.1)	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)	106	Black
256-30695-1376	800 kcmil	–		3/8	4.78 (121.4)	2.28 (57.9)	2.01 (51.1)	0.27 (6.9)	1.38 (35.1)	0.44 (11.2)	1.13 (28.7)	107	Orange
54224	800 kcmil	–		1/2	5.50 (139.7)	3.00 (76.2)	2.01 (51.1)	0.27 (6.9)	1.38 (35.1)	0.50 (12.7)	1.75 (44.5)	107	Orange
256-30695-694	900 kcmil	1,925/24 =		3/8	4.65 (118.1)	2.06 (52.3)	2.18 (55.4)	0.31 (7.9)	1.50 (38.1)	0.50 (12.7)	1.00 (25.4)	115	Yellow
54226	900 kcmil	777 kcmil		1/2	5.59 (142.0)	3.00 (76.2)	2.18 (55.4)	0.31 (7.9)	1.50 (38.1)	0.50 (12.7)	1.75 (44.5)	115	Yellow
256-30695-846	900 kcmil	–		3/8	4.60 (116.8)	2.06 (52.3)	2.12 (53.9)	0.31 (7.9)	1.50 (38.1)	0.50 (12.7)	1.00 (25.4)	115	Yellow
256-30695-844	900 kcmil	–		3/8	5.00 (127.0)	2.63 (66.8)	2.18 (55.4)	0.31 (7.9)	1.50 (38.1)	0.56 (14.2)	1.50 (38.1)	115	Yellow
54228	1,000 kcmil	1,000 Navy		1/2	5.45 (138.4)	3.00 (76.2)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.50 (12.7)	1.75 (44.5)	125	–

### Diagrams



\* 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 section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



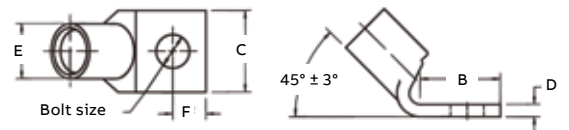
**Material** – High-conductivity wrought copper  
**Finish** – Electro tin plated



Two-hole lugs – 45° 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	G			
256-31426-9	#14–10 AWG	–	#10	1.22 (31.0)	0.37 (9.4)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	0.63 (16.0)	–	–	
54204UF	#8 AWG	#8 AWG, 23 Navy #8 Weld, 37/24	#10	1.18 (30.0)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	0.63 (16.0)	21	Red	
256-30695-1183UF	#6 AWG	#6 AWG, 30 Navy #6 Weld	#10	1.19 (30.2)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.22 (5.6)	0.63 – 0.75 (16.0) – (19.1)	24	Blue	
54205UF	#6 AWG	61/24 133/0.014	¼	1.28 (32.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.63 (16.0)	24	Blue	
54205UF0416	#6 AWG		¼	1.56 (39.6)	0.43 (10.9)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	1.00 (25.4)	24	Blue	
54206UF	#4 AWG	#5 AWG 40-50 Navy, 91/24 133/0.0177 49/0.029	¼	1.28 (32.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)	29	Grey	
54207UF	#2 AWG	#3 AWG 60 Navy, #4 Weld 125/24	¼	1.28 (32.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.63 (16.0)	33	Brown	
256-30695-257UF	#2 AWG		¾	1.81 (46.0)	0.60 (15.2)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)	33	Brown	
54208UF	#1 AWG	#2 AWG, 75 Navy 150/24, 175/24 133/0.0223	¼	1.28 (32.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)	37	Green	
54209UF	1/0 AWG	#1 AWG 100 Navy, #1 Weld	¾	1.93 (49.0)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	Pink	
54209UF0412	1/0 AWG	225/24 133/0.0254	¼	1.55 (39.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.75 (19.1)	42	Pink	
54261UF	2/0 AWG	1/0 AWG, 125 Navy 1/0 Weld 275/24	⅝	1.63 (41.4)	0.83 (21.1)	0.14 (3.6)	0.57 (14.5)	0.33 (8.4)	0.88 (22.4)	45	Black	
54210UF	2/0 AWG		¾	1.93 (49.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	45	Black	
54260UF	2/0 AWG	133/0.0282	½	2.81 (71.4)	0.83 (21.1)	0.14 (3.6)	0.57 (14.5)	0.38 (9.7)	1.75 (44.5)	45	Black	
54266UF	3/0 AWG	2/0 AWG, 150 Navy 2/0 Weld, 325/24	⅝	1.75 (44.5)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.33 (8.4)	1.00 (25.4)	50	Orange	
54211UF	3/0 AWG	133/0.0316	¾	1.81 (46.0)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)	50	Orange	
54265UF	3/0 AWG	259/0.0227 427/0.0177	½	2.81 (71.4)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.25 (6.4)	1.75 (44.5)	50	Orange	
54212UF	4/0 AWG	200 Navy, 3/0 AWG 3/0 Weld	¾	1.93 (49.0)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54	Purple	
54270UF	4/0 AWG	450/24, 703/0.0154	½	3.00 (76.2)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	1.75 (44.5)	54	Purple	

**Diagrams**



\* 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 section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

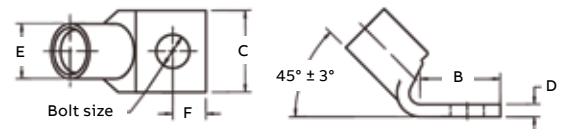
**Finish** – Electro tin plated



Two-hole lugs – 45° Standard barrel certified to 600 V and recommended up to 35 kV\* (continued)

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	G		
54213UF	250 kcmil	4/0 AWG, 250 Navy	3/8	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)	62	Yellow	
54275UF	250 kcmil	550/24	1/2	2.81 (71.4)	1.13 (28.7)	0.18 (4.6)	0.77 (19.6)	0.25 (6.4)	1.75 (44.5)	62		
256-30695-399UF	–	4/0 Weld, 550/24	3/8	2.80 (71.1)	1.25 (31.2)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	1.00 (25.4)	62		
58265UF	–	133/0.0399 259/0.0286 637/0.018	1/2	2.81 (71.4)	0.94 (23.9)	0.14 (3.6)	0.79 (20.1)	0.25 (6.4)	1.75 (44.5)	62		
54214UF	300 kcmil	250 AWG, 300 Navy	3/8	1.93 (49.0)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	1.00 (25.4)	66	White	
54280UF	300 kcmil	650/24 = 262 kcmil	1/2	3.00 (76.2)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	1.75 (44.5)	66		
54215UF	350 kcmil	350 Navy	3/8	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)	71	Red	
54282UF	350 kcmil	650/24 = 262 kcmil	1/2	3.00 (76.2)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	1.75 (44.5)	71		
54216UF	400 kcmil	300 kcmil, 713 kcmil	3/8	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.06 (26.9)	76	Blue	
54283UF	400 kcmil	775/24	3/8	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.75 (44.5)	76		
54277UF	–	400 Weld	1/2	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	1.00 (25.4)	80	–	
		925/24 = 373 kcmil										
		259/0.0393										
		427/0.0306										
54218UF	500 kcmil	400 kcmil, 500 Navy	3/8	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.75 (44.5)	87	Brown	
54286UF	500 kcmil	925/24 = 373 kcmil	1/2	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.00 (25.4)	87		
54220UF	600 kcmil	1,100/24 = 444 kcmil	3/8	1.93 (49.0)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.38 (9.7)	1.75 (44.5)	94	Green	
54289UF	600 kcmil		1/2	3.00 (76.2)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	1.75 (44.5)	94		
54291UF	700 kcmil	500 AWG	1/2	3.00 (76.2)	1.84 (46.7)	0.23 (5.8)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)	99	Pink	
54281UF	700 kcmil	1,325/24 = 535 kcmil	1/2	3.00 (76.2)	1.84 (46.7)	0.28 (7.1)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)	99		
256-30695-237UF	750 kcmil	–	3/8	2.80 (71.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.38 (9.7)	1.00 (25.4)	106	Black	
54223UF	750 kcmil		1/2	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)	106		
54224UF	800 kcmil	–	1/2	3.00 (76.2)	2.01 (51.1)	0.27 (6.9)	1.38 (35.1)	0.50 (12.7)	1.75 (44.5)	106		
54226UF	900 kcmil	1,925/24 = 777 kcmil	1/2	3.00 (76.2)	2.18 (55.4)	0.31 (7.9)	1.50 (38.1)	0.50 (12.7)	1.75 (44.5)	115	Yellow	
54228UF	1,000 kcmil	1,000 Navy	1/2	3.00 (76.2)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.50 (12.7)	1.75 (44.5)	125	–	

### Diagrams



\* 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 section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



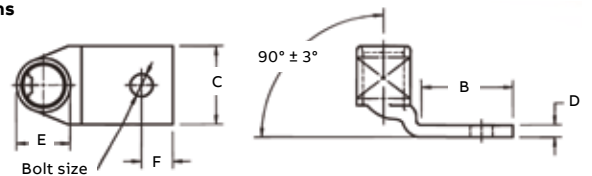
**Material** – High-conductivity wrought copper  
**Finish** – Electro tin plated



Two-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	G		
256-31426-141	#14-10 AWG	-	#10	1.25 (31.2)	0.37 (9.4)	0.07 (1.8)	0.20 (5.1)	0.22 (5.6)	0.63 (16.0)	ERG2002	Yellow
256-31426-6SPH	#14-10 AWG		#10	1.30 (33.0)	0.37 (9.4)	0.07 (1.8)	0.20 (5.1)	0.22 (5.6)	0.63 - 0.75 (16.0) - (19.1)	ERG2002	
256-31426-6	#14-10 AWG		#10	1.30 (33.0)	0.37 (9.4)	0.07 (1.8)	0.20 (5.1)	0.22 (5.6)	0.63 (16.0)	ERG2002	
256-31426-6S	#14-10 AWG		#10	1.30 (33.0)	0.37 (9.4)	0.07 (1.8)	0.20 (5.1)	0.22 (5.6)	0.63 - 0.75 (16.0) - (19.1)	ERG2002	
256-30695-1409	#8 AWG	#8 AWG	#10	1.19 (30.2)	0.41 (10.4)	0.06 (1.5)	0.26 (6.6)	0.23 (5.8)	0.63 - 0.75 (16.0) - (19.1)	21	Red
54204UB	#8 AWG	23 Navy	#10	1.25 (31.8)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	0.63 (16.0)	21	
256-31426-33UB*	#8 AWG	#8 Weld	#10	1.19 (30.2)	0.41 (10.4)	0.06 (1.5)	0.26 (6.6)	0.23 (5.8)	0.63 (16.0)	21	
256-31426-33UBPH	#8 AWG	37/24	#10	1.19 (30.2)	0.41 (10.4)	0.06 (1.5)	0.26 (6.6)	0.23 (5.8)	0.63 - 0.75 (16.0) - (19.1)	21	
256-30695-1411	#6 AWG	#6 AWG	#10	1.19 (30.2)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.23 (5.8)	0.63 - 0.75 (16.0) - (19.1)	24	Blue
256-30695-1183B	#6 AWG	30 Navy	#10	1.19 (30.2)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.23 (5.8)	0.63 - 0.75 (16.0) - (19.1)	24	
256-30695-1356	#6 AWG	#6 Weld	#10	1.19 (30.2)	0.43 (10.1)	0.08 (2.0)	0.30 (7.6)	0.23 (5.8)	0.63 (16.0)	24	
54205UB	#6 AWG	133/0.014	¼	1.28 (32.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.63 (16.0)	24	
256-30695-252UB	#6 AWG	61/24	¼	1.56 (39.6)	0.43 (10.1)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	1.00 (25.4)	24	Grey
54206UB	#4 AWG	#5 AWG	¼	1.28 (32.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)	29	
		40-50 Navy, 91/24									
		133/0.0177									
54207UB	#2 AWG	#3 AWG, 60 Navy	¼	1.28 (32.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.63 (16.0)	33	Brown
		#4 Weld, 125/24									
54208UB	#1 AWG	#2 AWG, 75 Navy	¼	1.28 (32.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)	37	Green
		150/24, 133/0.0223									
54209UB	1/0 AWG	1 AWG, 100 Navy,	¾	1.93 (49.0)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	Pink
54209UB0412	1/0 AWG	#1 Weld, 225/24	¼	1.55 (39.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.75 (19.1)	42	
		133/0.0254									
54261UB	2/0 AWG	1/0 AWG, 125 Navy	½	1.63 (41.4)	0.83 (21.1)	0.14 (3.6)	0.57 (14.5)	0.34 (8.6)	0.88 (22.4)	45	Black
54210UB	2/0 AWG	1/0 Weld, 275/24	¾	1.93 (49.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	45	
54260UB	2/0 AWG	133/0.0282	½	2.81 (71.4)	0.83 (21.1)	0.14 (3.6)	0.57 (14.5)	0.38 (9.7)	1.75 (44.5)	45	

Diagrams



\* Blind end

\* 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 section E31-E48 of the Tools, Dies and Kits catalogue.



## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper

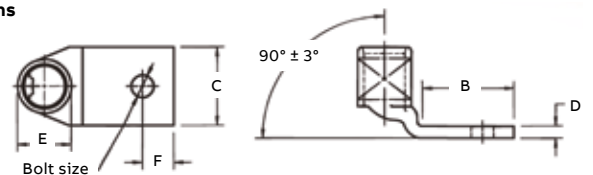
**Finish** – Electro tin plated



Two-hole lugs – 90° Standard barrel certified to 600 V and recommended up to 35 kV<sup>†</sup> (continued)

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	G		
54266UB	3/0 AWG	2/0 AWG, 150 Navy 2/0 Weld, 325/24	5/16	1.75 (44.5)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.34 (8.6)	1.00 (25.4)	50	Orange	
54211UB	3/0 AWG	133/0.0316 259/0.0227	3/8	1.81 (46.0)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)	50	Orange	
54265UB	3/0 AWG	427/0.0177	1/2	2.81 (71.4)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.38 (9.7)	1.75 (44.5)	50	Orange	
54212UB	4/0 AWG	3/0 AWG, 200 Navy 3/0 Weld, 450/24	3/8	1.93 (49.0)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54	Purple	
54270UB	4/0 AWG	703/0.0154	1/2	3.00 (76.2)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	1.75 (44.5)	54	Purple	
54213UB	250 kcmil	4/0 AWG, 250 Navy 550/24	3/8	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)	62	Yellow	
54275UB	250 kcmil		1/2	2.81 (71.4)	1.13 (28.7)	0.18 (4.6)	0.77 (19.6)	0.50 (12.7)	1.75 (44.5)	62	Yellow	
256-30595-399UB	-	4/0 AWG, 4/0 Weld 550/24	3/8	2.80 (71.1)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	1.00 (25.4)	62	Yellow	
58265UB	-	133/0.0399 259/0.0286 637/0.018	1/2	2.81 (71.4)	0.94 (23.9)	0.14 (3.6)	0.79 (20.1)	0.50 (12.7)	1.75 (44.5)	62	Yellow	
54214UB	300 kcmil	250 AWG, 300 Navy 650/24 = 262 kcmil	3/8	1.93 (49.0)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	1.00 (25.4)	66	White	
54280UB	300 kcmil		1/2	3.00 (76.2)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	1.75 (44.5)	66	White	
54215UB	350 kcmil	350 Navy 650/24 = 262 kcmil	3/8	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)	71	Red	
54282UB	350 kcmil		1/2	3.00 (76.2)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	1.75 (44.5)	71	Red	
54216UB	400 kcmil	300/313 kcmil 775/24	3/8	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.06 (26.9)	76	Blue	
54283UB	400 kcmil		3/8	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.75 (44.5)	76	Blue	
54277UB	-	400 Weld, 925/24 373 kcmil 259/0.0393 427/0.0306	1/2	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	1.00 (25.4)	80	-	
54218UB	500 kcmil	400 kcmil 500 Navy 925/24 = 373 kcmil	3/8	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.75 (44.5)	87	Brown	
54286UB	500 kcmil		1/2	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.75 (44.5)	87	Brown	
256-30695-1221B	500 kcmil		3/8		1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)	87	Brown	
54220UB	600 kcmil	1,100/24, 444 kcmil	3/8	1.93 (49.0)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.38 (9.7)	1.75 (44.5)	94	Green	
54289UB	600 kcmil		1/2	3.00 (76.2)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	1.75 (44.5)	94	Green	
54291UB	700 kcmil	1,325/24, 535 kcmil	1/2	3.00 (76.2)	1.84 (46.7)	0.23 (5.8)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)	99	Pink	
54281UB	700 kcmil		1/2	3.00 (76.2)	1.84 (46.7)	0.28 (7.1)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)	99	Pink	
54223UB	750 kcmil	-	1/2	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)	106	Black	
54224UB	800 kcmil		1/2	3.00 (76.2)	2.01 (51.1)	0.27 (6.9)	1.38 (35.1)	0.50 (12.7)	1.75 (44.5)	106	Black	
54226UB	900 kcmil	1,925/24, 777 kcmil	1/2	3.00 (76.2)	2.18 (55.4)	0.31 (7.9)	1.50 (38.1)	0.50 (12.7)	1.75 (44.5)	115	Yellow	
54228UB	1,000 kcmil	1,000 Navy	1/2	3.00 (76.2)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.50 (12.7)	1.75 (44.5)	125	-	

### Diagrams



<sup>†</sup> 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 section E31-E48 of the Tools, Dies and Kits catalogue.

# Compression connectors for copper conductors



Peep holes available – Add suffix PH

Material – High-conductivity wrought copper

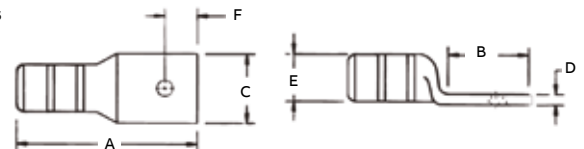
Finish – Electro tin plated



One-hole lugs – Long 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	A	B	C	D	E	F			
54901BE	#14–10 AWG	–	¼	1.23 (31.2)	0.56 (14.2)	0.50 (12.7)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	ERG2002	–	
54929BE	#8 AWG	#8 AWG	#10	1.65 (41.9)	0.65 (16.5)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	21	Red	
54930BE	#8 AWG	37/24	¼	1.65 (41.9)	0.65 (16.5)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	21	Red	
54904BE	#6 AWG	#6 AWG	#10	1.65 (41.9)	0.65 (16.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	24	Blue	
54905BE	#6 AWG	61/24	¼	1.65 (41.9)	0.65 (16.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	24	Blue	
54908BE	#4 AWG	#5 AWG	#10	1.70 (43.2)	0.65 (16.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	29	Grey	
54906BE	#4 AWG	91/24	¼	1.70 (43.2)	0.65 (16.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	29	Grey	
54933BE	#2–3 AWG	#3 AWG	#10	1.88 (47.8)	0.65 (16.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	33	Brown	
54942BE	#2–3 AWG	125/24	5/16	2.03 (51.6)	0.88 (22.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	33	Brown	
54945BE	#1 AWG	#2 AWG	#10	1.95 (49.5)	0.65 (16.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	37	Green	
54947BE	#1 AWG	150/24	5/16	2.18 (55.4)	0.88 (22.4)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	37	Green	
54946BE	1/0 AWG	#1 AWG	#10	1.95 (49.5)	0.65 (16.5)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	42	Pink	
54949BE	1/0 AWG	225/24	5/16	2.18 (55.4)	0.88 (22.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	42	Pink	
54909BE	1/0 AWG		3/8	2.23 (56.6)	0.93 (23.6)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	42	Pink	
54950BE	1/0 AWG		½	2.55 (64.8)	1.25 (31.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.50 (12.7)	42	Pink	
54910BE	2/0 AWG	1/0 AWG	3/8	2.28 (57.9)	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	45	Black	
54951BE	2/0 AWG	275/24	½	2.60 (66.4)	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	45	Black	
54965BE	3/0 AWG	2/0 AWG, 325/24	½	2.70 (68.6)	1.25 (31.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	50	Orange	
256-30695-1252	4/0 AWG	3/0 AWG, 3/0 Weld	¼	2.35 (59.7)	0.65 (16.5)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.75 (19.1)	54	Purple	
256-30695-1253	4/0 AWG	450/24	3/8	2.95 (74.9)	1.25 (31.8)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	54	Purple	
54970BE	4/0 AWG		½	2.95 (74.9)	1.25 (31.8)	1.03 (33.0)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	54	Purple	
54913BE	250 kcmil	4/0 AWG, 4/0 Weld	½	3.15 (80.1)	1.25 (31.8)	1.13 (28.7)	0.14 (3.6)	0.85 (21.6)	0.50 (12.7)	62	Yellow	
		550/24										
54914BE	300 kcmil	250 kcmil	½	3.50 (88.9)	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.93 (23.6)	0.50 (12.7)	66	White	
		650/24 = 262 kcmil										
54915BE	350 kcmil	–	½	3.68 (93.5)	1.58 (40.1)	1.36 (34.5)	0.18 (4.6)	0.96 (24.4)	0.50 (12.7)	71	Red	
54916BE	400 kcmil	775/24 =	½	3.75 (95.3)	1.25 (31.8)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)	76	Blue	
54917BE	400 kcmil	300/313 kcmil	5/8	4.03 (102.4)	1.58 (40.1)	1.41 (35.8)	0.17 (4.3)	1.10 (27.9)	0.63 (16.0)	76	Blue	
54918BE	500 kcmil	400 kcmil	½	4.25 (108.0)	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	87	Brown	
54919BE	500 kcmil	925/24 = 373 kcmil	5/8	4.57 (116.8)	1.58 (40.1)	1.61 (40.9)	0.22 (5.6)	1.20 (30.5)	0.63 (16.0)	87	Brown	
54921BE	600 kcmil	1,100/24 =	½	4.10 (104.1)	1.25 (31.8)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	94	Green	
54920BE	600 kcmil	444 kcmil	5/8	4.39 (111.6)	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.63 (16.0)	94	Green	
54979BE	–	1,325/24 =	½	4.40 (111.8)	1.25 (31.8)	1.80 (45.7)	0.24 (6.1)	1.25 (31.8)	0.50 (12.7)	99	Pink	
		535 kcmil										

Diagrams



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## Compression connectors for copper conductors



Peep holes available – Add suffix PH

Material – High-conductivity wrought copper

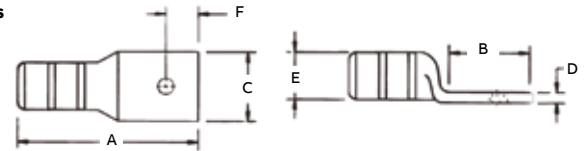
Finish – Electro tin plated



One-hole lugs – Long barrel certified to 600 V and recommended up to 35 kV<sup>†</sup> (continued)

Cat no.	Code cable	Wire size		Dimensions in. (mm)							Die code	Colour code
		Flex cable classes G, H, I, K, M	Bolt size	A	B	C	D	E	F			
54922BE	750 kcmil	1,325/24 = 535 kcmil	½	4.40 (111.8)	1.25 (31.8)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	106	Black	
54923BE	–	1,325/24 = 535 kcmil	5/8	4.72 (119.9)	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106	Black	
58984BE	–	1,600/24 = 646 kcmil	5/8	4.73 (120.1)	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106	Black	
58926BE	900 kcmil	1,925/24 = 777 kcmil	5/8	5.23 (132.8)	1.58 (40.1)	2.17 (55.1)	0.31 (7.9)	1.50 (38.1)	0.63 (16.0)	115	Yellow	
54928BE	1,000 kcmil	–	5/8	5.24 (134.0)	1.58 (40.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.63 (16.0)	125	–	
256-30695-918	1,000 kcmil	–	7/8	5.42 (137.7)	1.82 (46.2)	2.38 (60.5)	0.30 (7.6)	1.55 (39.4)	0.88 (22.4)	125	–	

Diagrams



<sup>†</sup> 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 section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



Peep holes available – Add suffix PH

Material – High-conductivity wrought copper

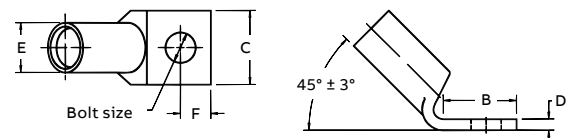
Finish – Electro tin plated



One-hole lugs – 45° Long 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		
54929BEUF	#8 AWG	37/24	#1/0		0.65 (16.5)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	21	Red
54930BEUF	#8 AWG	37/24	¼		0.65 (16.5)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	21	Red
54904BEUF	#6 AWG	#6 AWG, 61/24	#1/0		0.65 (16.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	24	Blue
54905BEUF	#6 AWG	#6 AWG, 61/24	¼		0.65 (16.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	24	Blue
54908BEUF	#4 AWG	#5 AWG, 91/24	#1/0		0.65 (16.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	29	Grey
54906BEUF	#4 AWG	#5 AWG, 91/24	¼		0.65 (16.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	29	Grey
54933BEUF	#2–3 AWG	125/24	#1/0		0.65 (16.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	33	Brown
54942BEUF	#2–3 AWG	125/24	5/16		0.88 (22.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.88 (22.4)	33	Brown
54945BEUF	#1 AWG	#2 AWG, 150/24 – 175/24	#1/0		0.65 (16.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	37	Green
54947BEUF	#1 AWG	#2 AWG, 150/24 – 175/24	5/16		0.88 (22.4)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	37	Green
54946BEUF	1/0 AWG	#1 AWG, 225/24	#1/0		0.65 (16.5)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	42	Pink
54949BEUF	1/0 AWG	#1 AWG, 225/24	5/16		0.88 (22.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	42	Pink
54909BEUF	1/0 AWG	#1 AWG, 225/24	¾		0.93 (23.6)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	42	Pink
54950BEUF	1/0 AWG	#1 AWG, 225/24	½		1.25 (31.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.50 (12.7)	42	Pink
54910BEUF	2/0 AWG	1/0 AWG, 275/24	¾		0.93 (23.6)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	45	Black
54951BEUF	2/0 AWG	1/0 AWG, 275/24	½		1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	45	Black
54965BEUF	3/0 AWG	2/0 AWG – 325/24	½		1.25 (31.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	50	Orange
54970BEUF04	4/0 AWG	3/0 AWG, 450/24, 3/0 Weld	¼		1.00 (25.4)	1.03 (26.1)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	54	Purple
54970BEUF06	4/0 AWG	3/0 AWG, 450/24, 3/0 Weld	¾		1.13 (23.6)	1.03 (26.1)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	54	Purple
54970BEUF	4/0 AWG	3/0 AWG, 450/24, 3/0 Weld	½		1.25 (31.8)	1.03 (26.1)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	54	Purple
54913BEUF	250 kcmil	550/24 – 4/0 AWG, 4/0 Weld	½		1.25 (31.8)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	62	Yellow
54914BEUF	300 kcmil	250 kcmil, 650/24 = 262 kcmil	½		1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	66	White
54915BEUF	350 kcmil	650/24, 262 kcmil	½		1.25 (31.8)	1.36 (34.8)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71	Red
54916BEUF	400 kcmil	775/24, 300/313 kcmil	½		1.25 (31.8)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)	76	Blue
54917BEUF	400 kcmil	775/24, 300/313 kcmil	¾		1.58 (40.1)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.63 (16.0)	76	Blue
54918BEUF	500 kcmil	925/24, 350/373 kcmil 400 kcmil	½		1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	87	Brown
54919BEUF	500 kcmil	925/24, 350/373 kcmil 400 kcmil	¾		1.58 (40.1)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.63 (16.0)	87	Brown
54921BEUF	600 kcmil	1,100/24, 444 kcmil	½		1.25 (31.8)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	94	Green
54920BEUF	600 kcmil	1,100/24, 444 kcmil	¾		1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.63 (16.0)	94	Green
54922BEUF	750 kcmil	1,325/24, 500/535 kcmil	½		1.25 (31.8)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	106	Black
54923BEUF	750 kcmil	1,325/24, 500/535 kcmil	¾		1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106	Black
58984BEUF	–	1,600/24, 646 kcmil	¾		1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106	Black
58926BEUF	900 kcmil	1,925/24, 777 kcmil	¾		1.58 (40.1)	2.17 (55.1)	0.31 (7.9)	1.50 (38.1)	0.63 (16.0)	115	Yellow
54928BEUF	1,000 kcmil	–	¾		1.58 (40.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.63 (16.0)	125	–
54928BEUF12	1,000 kcmil	–	¾		1.83 (46.5)	2.37 (60.2)	0.30 (7.6)	1.55 (39.4)	0.88 (22.4)	125	–

Diagrams



\* 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 section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



Peep holes available – Add suffix PH

Material – High-conductivity wrought copper

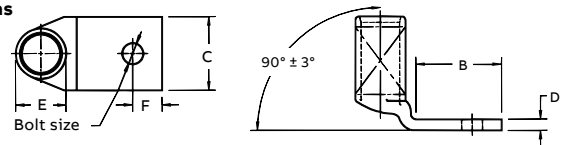
Finish – Electro tin plated



One-hole lugs – 90° Long 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			
54929BEUB	#8 AWG	37/24	#10	0.65 (16.5)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	21	Red	
54930BEUB	#8 AWG	37/24	¼	0.65 (16.5)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	21	Red	
54904BEUB	#6 AWG	#6 AWG, 61/24	#10	0.65 (16.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	24	Blue	
54905BEUB	#6 AWG	#6 AWG, 61/24	¼	0.65 (16.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	24	Blue	
54908BEUB	#4 AWG	#5 AWG, 91/24	#10	0.65 (16.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	29	Grey	
54906BEUB	#4 AWG	#5 AWG, 91/24	¼	0.65 (16.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	29	Grey	
54933BEUB	#2–3 AWG	125/24	#10	0.65 (16.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	33	Brown	
54942BEUB	#2–3 AWG	125/24	⅜	0.88 (22.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	33	Brown	
54945BEUB	#1 AWG	#2 AWG, 150/24 – 175/24	#10	0.65 (16.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	37	Green	
54947BEUB	#1 AWG	#2 AWG, 150/24 – 175/24	⅜	0.88 (22.4)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	37	Green	
54946BEUB	1/0 AWG	#1 AWG, 225/24	#10	0.65 (16.5)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	42	Pink	
54949BEUB	1/0 AWG	#1 AWG, 225/24	⅜	0.88 (22.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	42	Pink	
54909BEUB	1/0 AWG	#1 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	Pink	
54950BEUB	1/0 AWG	#1 AWG, 225/24	½	1.25 (31.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.50 (12.7)	42	Pink	
54910BEUB	2/0 AWG	1/0 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	Black	
54951BEUB	2/0 AWG	1/0 AWG, 275/24	½	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	45	Black	
54965BEUB	3/0 AWG	2/0 AWG – 325/24	½	1.25 (31.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	50	Orange	
54970BEUB04	4/0 AWG	3/0 AWG, 450/24, 3/0 Weld	¼	1.00 (25.4)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	54	Purple	
54970BEUB06	4/0 AWG	3/0 AWG, 450/24, 3/0 Weld	⅜	1.13 (28.7)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	54	Purple	
54970BEUB	4/0 AWG	3/0 AWG, 450/24, 3/0 Weld	½	1.25 (31.8)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	54	Purple	
54913BEUB	250 kcmil	550/24 – 4/0 AWG, 4/0 Weld	½	1.25 (31.8)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	62	Yellow	
54914BEUB	300 kcmil	250 kcmil, 650/24 = 262 kcmil	½	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	66	White	
54915BEUB	350 kcmil	650/24, 262 kcmil	½	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71	Red	
54916BEUB	400 kcmil	775/24, 300/313 kcmil	½	1.58 (40.1)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)	76	Blue	
54917BEUB	400 kcmil	775/24, 300/313 kcmil	⅝	1.25 (31.8)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.63 (16.0)	76	Blue	
54918BEUB	500 kcmil	925/24, 350/373 kcmil, 400 kcmil	½	1.58 (40.1)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	87	Brown	
54919BEUB	500 kcmil	925/24, 350/373 kcmil, 400 kcmil	⅝	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.63 (16.0)	87	Brown	
54921BEUB	600 kcmil	1100/24, 444 kcmil	½	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	94	Green	
54920BEUB	600 kcmil	1100/24, 444 kcmil	⅝	1.25 (31.8)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.63 (16.0)	94	Green	
54922BEUB	750 kcmil	1,325/24, 500/535 kcmil	½	1.25 (31.8)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	106	Black	
54923BEUB	750 kcmil	1,325/24, 500/535 kcmil	⅝	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106	Black	
58984BEUB	–	1,600/24, 646 kcmil	⅝	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106	Black	
58926BEUB	900 kcmil	1,925/24, 777 kcmil	⅝	1.58 (40.1)	2.17 (55.1)	0.31 (7.9)	1.50 (38.1)	0.63 (16.0)	115	Yellow	
54928BEUB	1,000 kcmil	–	⅝	1.58 (40.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.63 (16.0)	125	–	
54928BEUB12	1,000 kcmil	–	⅞	1.58 (46.5)	2.37 (60.2)	0.30 (7.6)	1.55 (39.4)	0.88 (22.4)	125	–	

### Diagrams



\* 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 section E31-E48 of the Tools, Dies and Kits catalogue.

# Compression connectors for copper conductors



Peep holes available – Add suffix PH

Material – High-conductivity wrought copper

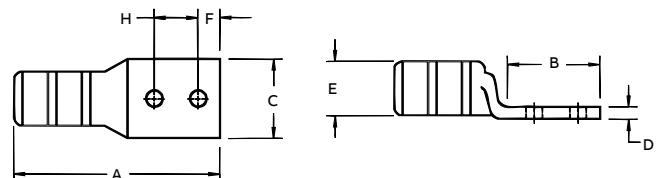
Finish – Electro tin plated



Two-hole lugs – Long 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		A	B	C	D	E	F	H			
54801BE	#14–10 AWG	–	¼	1.86 (47.2)	1.19 (30.2)	0.50 (12.7)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	0.63 (16.0)	ERG4002	Yellow		
256-31426-3	#14–10 AWG		#10	2.00 (50.8)	1.25 (31.2)	0.37 (9.4)	0.07 (1.8)	0.20 (5.1)	0.25 (6.4)	0.63 (16.0)	ERG4002			
256-31426-3SPH	#14–10 AWG		#10	2.00 (50.8)	1.25 (31.2)	0.37 (9.4)	0.07 (1.8)	0.20 (5.1)	0.22 (5.6)	0.63–0.75 (16.0)–(19.1)	ERG4002			
256-30695-1298	#14–10 AWG		¼	1.89 (48.0)	1.22 (31.0)	0.50 (12.7)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	0.63 (16.0)	ERG4002			
256-30695-1730	#14–10 AWG		¼	1.98 (50.3)	1.31 (33.3)	0.50 (12.7)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	0.63–0.75 (16.0)–(19.1)	ERG4002			
54850BE	#8 AWG	#8 AWG,	¼	2.19 (55.6)	1.89 (48.0)	0.42 (10.7)	0.07 (1.78)	0.26 (6.6)	0.25 (6.4)	0.63 (16.0)	21	Red		
54851BE	#8 AWG	#8 Weld	¼	2.31 (58.7)	1.29 (32.8)	0.47 (11.9)	0.06 (1.52)	0.26 (6.6)	0.25 (6.4)	0.75 (19.1)	21			
256-30695-1157	#8 AWG	37/24	¾	3.00 (76.2)	2.10 (53.3)	0.56 (14.2)	0.06 (1.52)	0.26 (6.6)	0.38 (9.7)	1.00 (25.4)	21			
54852BE	#6 AWG	#6 AWG,	¼	2.28 (57.9)	1.28 (32.5)	0.44 (11.1)	0.08 (2.03)	0.30 (7.6)	0.25 (6.4)	0.63 (16.0)	24	Blue		
256-30695-1014	#6 AWG	61/24,	¼	2.63 (66.8)	1.63 (41.4)	0.43 (10.9)	0.08 (2.03)	0.30 (7.6)	0.25 (6.4)	1.00 (25.4)	24			
256-30695-1225	#6 AWG	#6 Weld	¼	2.43 (61.7)	1.43 (36.3)	0.43 (10.9)	0.08 (2.03)	0.30 (7.6)	0.25 (6.4)	0.75 (19.1)	24			
256-30695-1158	#6 AWG		¾	2.93 (74.4)	1.93 (49.0)	0.59 (14.9)	0.06 (1.52)	0.30 (7.6)	0.38 (9.7)	1.00 (25.4)	24			
256-30695-868	#6 AWG		½	4.18 (106.2)	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.30 (7.6)	0.50 (12.7)	1.75 (44.5)	24			
54854BE	#4 AWG	91/24,	¼	2.31 (58.7)	1.19 (30.2)	0.52 (13.1)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)	29	Grey		
256-30695-1246	#4 AWG	#5 AWG,	¼	2.31 (54.1)	1.31 (33.3)	0.56 (14.2)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	0.75 (19.1)	29			
256-30695-1015	#4 AWG	#4 Weld	¼	2.88 (73.2)	1.88 (47.8)	0.58 (14.7)	0.09 (2.3)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)	29			
256-30695-1337	#4 AWG		⅜	2.75 (69.9)	1.75 (44.5)	0.56 (14.2)	0.10 (2.5)	0.37 (9.4)	0.34 (8.4)	1.00 (25.4)	29			
256-30695-1159	#4 AWG		⅜	3.13 (79.5)	1.98 (50.3)	0.59 (14.9)	0.09 (2.3)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)	29			
256-30695-733	#4 AWG		½	4.18 (106.2)	3.00 (76.2)	0.88 (22.4)	0.09 (2.3)	0.37 (9.4)	0.50 (12.7)	1.75 (44.5)	29			
256-30695-1016*	#2–3 AWG	#3 AWG,	¼	3.06 (77.7)	1.88 (47.8)	0.67 (17.0)	0.09 (2.3)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)	33	Brown		
54855BE	#2–3 AWG	125/24	¼	2.43 (61.7)	1.28 (32.5)	0.59 (14.9)	0.11 (2.8)	0.41 (10.4)	0.50 (12.7)	0.63 (16.0)	33			
256-30695-1300	#2–3 AWG		¼	2.63 (66.8)	1.35 (34.3)	0.68 (17.3)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.75 (19.1)	33			
54856BE	#2–3 AWG		⅜	2.78 (70.6)	1.63 (41.4)	0.59 (14.9)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	0.75 (19.1)	33			
54810BE	#2–3 AWG		¾	3.80 (96.5)	2.57 (65.3)	0.59 (14.9)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.75 (44.5)	33			
256-30695-1160	#2–3 AWG		¾	3.08 (78.2)	1.94 (49.3)	0.59 (14.9)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)	33			
256-30695-869	#2–3 AWG		½	4.02 (102.1)	2.88 (73.2)	0.25 (6.4)	0.75 (19.1)	0.41 (10.4)	0.63 (16.0)	1.75 (44.5)	33			
54811BE	#2–3 AWG		½	4.28 (108.7)	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.41 (10.4)	0.50 (12.7)	1.75 (44.5)	33			
54809BE	#1 AWG	#2 AWG	¼	2.88 (73.2)	1.19 (30.2)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)	37	Green		
54812BE	#1 AWG	150/24	¼	2.75 (69.9)	1.40 (35.6)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.75 (19.1)	37			
54858BE	#1 AWG	175/24	⅜	2.94 (75.4)	1.63 (41.4)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	0.88 (22.4)	37			
256-30695-1161	#1 AWG	#2 Weld	¾	3.30 (83.8)	1.98 (50.3)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	1.00 (25.4)	37			
54857BE	#1 AWG		½	4.43 (112.5)	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.47 (11.9)	0.50 (12.7)	1.75 (44.5)	37			

Diagrams



\* CSA not applicable

\* 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 section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



Peep holes available – Add suffix PH

Material – High-conductivity wrought copper

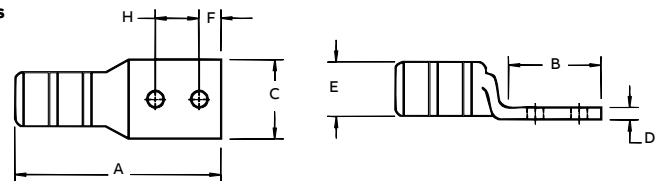
Finish – Electro tin plated



Two-hole lugs – Long barrel certified to 600 V and recommended up to 35 kV\* (continued)

Cat no.	Code cable	Wire size		Dimensions in. (mm)								Die code	Colour code
		Flex cable classes G, H, I, K, M	Bolt size	A	B	C	D	E	F	H			
256-30695-1018	1/0 AWG	#1 AWG, 225/24	¼	3.63 (92.2)	1.88 (47.8)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	Pink	
256-30695-1018P	1/0 AWG		¼	3.63 (92.2)	1.88 (47.8)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42		
54859BE	1/0 AWG		¼	2.63 (66.8)	1.19 (30.2)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.63 (16.0)	42		
54813BE	1/0 AWG		¼	2.71 (68.8)	1.38 (35.1)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.75 (19.1)	42		
54860BE	1/0 AWG		⅜	2.97 (75.4)	1.63 (41.4)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.50 (12.7)	0.88 (22.4)	42		
256-30695-1162P	1/0 AWG		⅜	3.25 (82.3)	1.98 (50.3)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42		
256-30695-1162	1/0 AWG		⅜	3.23 (82.0)	1.93 (49.0)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42		
256-30695-593	1/0 AWG		½	4.33 (110.0)	3.00 (76.2)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.63 (16.0)	1.75 (44.5)	42		
54814BE	2/0 AWG	1/0 AWG, 1/0 Weld 275/24	¼	2.62 (66.5)	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.63 (16.0)	45	Black	
256-30695-1299	2/0 AWG		¼	2.69 (68.3)	1.31 (33.3)	0.81 (20.6)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.75 (19.1)	45		
256-30695-1116	2/0 AWG		⅜	3.19 (81.0)	1.81 (46.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	45		
256-30695-1116P	2/0 AWG		⅜	3.19 (81.0)	1.81 (46.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	45		
54862BE	2/0 AWG		½	4.20 (106.7)	2.81 (71.4)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	1.75 (44.5)	45		
54815BE	3/0 AWG	2/0 AWG, 2/0 Weld 325/24	¼	2.89 (73.4)	1.45 (36.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)	0.75 (19.1)	50	Orange	
54816BE	3/0 AWG		⅜	3.25 (82.6)	1.63 (41.4)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)	50		
54864BE	3/0 AWG		½	4.48 (113.8)	3.00 (76.2)	0.94 (23.9)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	1.75 (44.5)	50		
54817BE	4/0 AWG	3/0 AWG, 3/0 Weld 450/24	¼	3.15 (80.0)	1.38 (35.1)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	0.75 (19.1)	54	Purple	
54818BE	4/0 AWG		⅜	4.38 (111.3)	2.63 (66.8)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.75 (44.5)	54		
256-30695-1117	4/0 AWG		⅜	3.35 (85.1)	1.81 (46.0)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54		
256-30695-1117P	4/0 AWG		⅜	3.50 (88.9)	1.88 (47.8)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54		
54866BE	4/0 AWG		½	4.70 (119.4)	3.00 (76.2)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	1.75 (44.5)	54		
256-30695-1245	250 kcmil	4/0 AWG, 4/0 Weld 550/24	⅜	3.83 (97.3)	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)	62	Yellow	
256-30695-1245P	250 kcmil		⅜	3.83 (97.3)	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)	62		
54868BE	250 kcmil		½	4.92 (125.0)	3.00 (76.2)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	1.75 (44.5)	62		
54819BE	300 kcmil	250 kcmil 650/24 = 262 kcmil	⅜	5.04 (137.2)	2.80 (71.1)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	1.00 (25.4)	66	White	
54870BE	300 kcmil		½	5.23 (132.8)	3.00 (76.2)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	1.75 (44.5)	66		
54820BE	350 kcmil	–	¼	4.29 (109.0)	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.25 (6.4)	1.75 (44.5)	71	Red	
256-30695-1118	350 kcmil		⅜	4.33 (110.0)	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)	71		
256-30695-1118P	350 kcmil		⅜	4.33 (110.0)	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)	71		
54872BE	350 kcmil		½	5.40 (137.2)	3.00 (76.2)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	1.75 (44.5)	71		

Diagrams



\* 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 section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



Peep holes available – Add suffix PH

Material – High-conductivity wrought copper

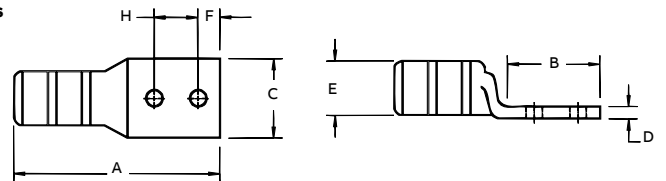
Finish – Electro tin plated



Two-hole lugs – Long barrel certified to 600 V and recommended up to 35 kV<sup>y</sup> (continued)

Cat no.	Code cable	Wire size			Dimensions in. (mm)							Die code	Colour code
		Flex cable classes G, H, I, K, M	Bolt size		A	B	C	D	E	F	H		
54822BE	400 kcmil	300 kcmil	¼	4.38 (111.3)	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.25 (6.4)	0.75 (19.1)	76	Blue	
54821BE	400 kcmil	775/24, 313 kcmil	⅜	4.43 (112.5)	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.00 (25.4)	76		
54874BE	400 kcmil		½	5.51 (140.0)	3.00 (76.2)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)	1.75 (44.5)	76		
54823BE	500 kcmil	400 kcmil	¼	4.93 (125.2)	1.94 (49.3)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.25 (6.4)	0.75 (19.1)	87	Brown	
256-30695-1119	500 kcmil	925/24, 350/373 kcmil	⅜	5.00 (127.0)	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)	87		
256-30695-1119P	500 kcmil		⅝	5.00 (127.0)	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)	87		
54876BE	500 kcmil		½	6.00 (152.4)	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.75 (44.5)	87		
54824BE	600 kcmil	1100/24, 444 kcmil	⅜	5.70 (144.8)	2.80 (71.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.38 (9.7)	1.00 (25.4)	94	Green	
54878BE	600 kcmil		½	5.83 (148.1)	3.00 (76.2)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	1.75 (44.5)	94		
54879BE	700 kcmil	1,325/24, 535 kcmil	½	5.83 (148.1)	3.00 (76.2)	1.80 (45.7)	0.24 (6.1)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)	99	Pink	
256-30695-1222	750 kcmil	1325/24, 535 kcmil	⅜	5.25 (133.4)	2.06 (52.3)	1.94 (49.3)	0.27 (6.7)	1.33 (33.8)	0.50 (12.7)	1.00 (25.4)	106	Black	
256-30695-1222P	750 kcmil		⅝	5.25 (133.4)	2.06 (52.3)	1.94 (49.3)	0.27 (6.7)	1.33 (33.8)	0.50 (12.7)	1.00 (25.4)	106		
54880BE	750 kcmil		½	6.20 (157.5)	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)	106		
58884BE	–	1,600/24, 646 kcmil	½	6.16 (156.5)	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)	106		
58826BE	900 kcmil	1,925/24, 777 kcmil	½	6.74 (171.2)	3.00 (76.2)	2.18 (55.4)	0.31 (7.9)	1.50 (38.1)	0.50 (12.7)	1.75 (44.5)	115	Yellow	
54826BE	1,000 kcmil	–	⅜	6.49 (164.8)	2.80 (71.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.38 (9.7)	1.00 (25.4)	125	–	
54882BE	1,000 kcmil		½	6.66 (169.2)	3.00 (76.2)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.38 (9.7)	1.75 (44.5)	125		
54888BE	1,250 kcmil		½	7.88 (200.2)	3.00 (76.2)	2.42 (61.5)	0.35 (8.9)	1.67 (42.4)	0.63 (16.0)	1.75 (44.5)	140		

Diagrams



<sup>y</sup> 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 section E31-E48 of the Tools, Dies and Kits catalogue.



## Compression connectors for copper conductors



Peep holes available – Add suffix PH

Material – High-conductivity wrought copper

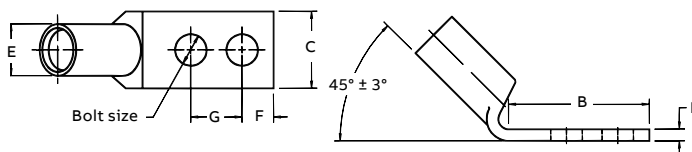
Finish – Electro tin plated



Two-hole lugs – 45° Long 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	G			
256-31426-3SPHUF	#14-10 AWG	-	#10	1.25 (31.75)	0.37 (9.4)	0.07 (1.8)	0.20 (5.1)	0.22 (5.6)	0.50 – 0.63 (12.7 – 16.0)	ERG2002	Yellow	
256-30695-1298UF	#14-10 AWG		¼	1.22 (31.0)	0.50 (12.7)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	0.63 (16.0)	ERG2002	Red	
54850BEUF	#8 AWG	#8 AWG	¼	1.89 (48.0)	0.42 (10.7)	0.07 (17.8)	0.26 (6.6)	0.25 (6.4)	0.63 (16.0)	21		
54851BEUF	#8 AWG	37/24	¼	1.29 (32.8)	0.47 (11.9)	0.06 (15.2)	0.26 (6.6)	0.25 (6.4)	0.75 (19.1)	21	Blue	
54851BEUF0612	#8 AWG	#8 Weld	¾	1.42 (36.1)	0.47 (11.9)	0.06 (15.2)	0.26 (6.6)	0.38 (9.7)	0.75 (19.1)	21		
54852BEUF	#6 AWG	#6 AWG	¼	1.28 (32.5)	0.44 (11.2)	0.08 (20.3)	0.30 (7.6)	0.25 (6.4)	0.63 (16.0)	24	Grey	
54852BEUF0416	#6 AWG	61/24	¼	1.63 (41.4)	0.43 (10.9)	0.08 (20.3)	0.30 (7.6)	0.25 (6.4)	1.00 (25.4)	24		
54852BEUF0412	#6 AWG	#6 Weld	¼	1.43 (36.3)	0.43 (10.9)	0.08 (20.3)	0.30 (7.6)	0.25 (6.4)	0.75 (19.1)	24		
54852BEUF0616	#6 AWG		¾	1.93 (49.0)	0.59 (15.0)	0.06 (15.2)	0.30 (7.6)	0.38 (9.7)	1.00 (25.4)	24		
54852BEUF0828	#6 AWG		½	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.30 (7.6)	0.50 (12.7)	1.75 (44.5)	24		
54854BEUF	#4 AWG	#5 AWG	¼	1.19 (30.2)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)	29	Brown	
54854BEUF0412	#4 AWG	91/24	¼	1.31 (33.3)	0.56 (14.2)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	0.75 (19.1)	29		
54854BEUF0416	#4 AWG	#4 Weld	¼	1.88 (47.8)	0.58 (14.7)	0.09 (2.3)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)	29		
54854BEUF0516	#4 AWG		⅝	1.75 (44.5)	0.56 (14.2)	0.10 (2.5)	0.37 (9.4)	0.63 (16.0)	1.00 (25.4)	29		
54854BEUF0616	#4 AWG		¾	1.98 (50.3)	0.59 (15.0)	0.09 (2.3)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)	29		
54854BEUF0828	#4 AWG		½	3.00 (76.2)	0.88 (22.4)	0.09 (2.3)	0.37 (9.4)	0.50 (12.7)	1.75 (44.5)	29		
54855BEUF0416	#2-3 AWG	#3 AWG	¼	1.88 (47.8)	0.67 (17.0)	0.09 (2.3)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)	33	Green	
54855BEUF	#2-3 AWG	125/24	¼	1.28 (32.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.63 (16.0)	33		
54855BEUF0412	#2-3 AWG		¼	1.35 (34.3)	0.68 (17.3)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.75 (19.1)	33		
54856BEUF	#2-3 AWG		⅝	1.63 (41.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	0.75 (19.1)	33		
54810BEUF	#2-3 AWG		¾	2.57 (65.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.75 (44.5)	33		
54810BEUF0616	#2-3 AWG		¾	1.94 (49.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)	33		
54811BEUF	#2-3 AWG		½	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.41 (10.4)	0.50 (12.7)	1.75 (44.5)	33	Green	
54809BEUF	#1 AWG	#2 AWG	¼	1.19 (30.2)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)	37		
54812BEUF	#1 AWG	150/24	¼	1.40 (35.6)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.75 (19.1)	37		
54858BEUF	#1 AWG	175/24	⅝	1.63 (41.4)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.63 (16.0)	0.88 (22.4)	37		
54857BEUF0616	#1 AWG	#2 Weld	¾	1.98 (50.3)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	1.00 (25.4)	37		
54857BEUF	#1 AWG		½	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.47 (11.9)	0.50 (12.7)	1.75 (44.5)	37		

Diagrams



\* 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 section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Peep holes available – Add suffix PH**

**Material – High-conductivity wrought copper**

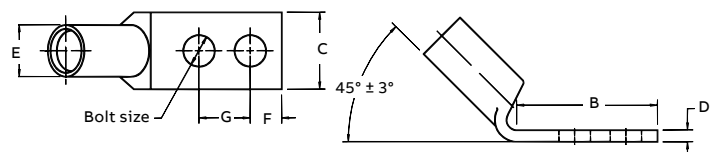
**Finish – Electro tin plated**



Two-hole lugs – 45° Long barrel certified to 600 V and recommended up to 35 kV\* (continued)

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	G			
54859BEUF0416	1/0 AWG	1 AWG 225/24	¼	1.88 (47.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	Pink	
54859BEUF0416PH	1/0 AWG		¼	1.88 (47.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42		
54859BEUF	1/0 AWG	¼	1.19 (30.2)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.38 (9.7)	42			
54813BEUF	1/0 AWG	¼	1.38 (35.1)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.75 (19.1)	42			
54860BEUF	1/0 AWG	5/16	1.63 (41.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	0.88 (22.4)	42			
54860BEUF0616	1/0 AWG	¾	1.98 (50.3)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42			
54860BEUF0616PH	1/0 AWG	¾	1.93 (49.0)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42			
54860BEUF0828	1/0 AWG	½	3.00 (76.0)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.63 (16.0)	1.75 (44.5)	42			
54814BEUF	2/0 AWG	1/0 AWG 275/24	¼	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.63 (16.0)	45		Black
54814BEUF0412	2/0 AWG		¼	1.31 (33.3)	0.81 (20.6)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.75 (19.1)	45		
54862BEUF0616	2/0 AWG	1/0 Weld	¾	1.81 (46.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	45		
54862BEUF0616PH	2/0 AWG	¾	1.81 (46.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	45			
54862BEUF	2/0 AWG	½	2.81 (71.4)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	1.75 (44.5)	45			
54815BEUF	3/0 AWG	2/0 AWG 325/24	¼	1.45 (36.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)	0.75 (19.1)	50	Orange	
54816BEUF	3/0 AWG		¾	0.63 (41.4)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)	50		
54864BEUF	3/0 AWG	2/0 Weld	½	3.00 (76.2)	0.94 (23.9)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	1.75 (44.5)	50		
54817BEUF	4/0 AWG	3/0 AWG 450/24	¼	1.38 (35.1)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	0.75 (19.1)	54	Purple	
54818BEUF	4/0 AWG		¾	2.63 (66.8)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.75 (44.5)	54		
54818BEUF0616	4/0 AWG	3/0 Weld	¾	1.81 (46.0)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54		
54818BEUF0616PH	4/0 AWG	¾	1.88 (47.8)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54			
54866BEUF	4/0 AWG	½	3.00 (76.2)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	1.75 (44.5)	54			
54868BEUF0616	250 kcmil	4/0 AWG 550/24	¾	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)	62	Yellow	
54868BEUF0616PH	250 kcmil		5/8	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)	62		
54868BEUF	250 kcmil	4/0 Weld	½	3.00 (76.2)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	1.75 (44.5)	62		
54819BEUF	300 kcmil	250 kcmil 650/24 = 262 kcmil	¾	2.80 (71.1)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	1.00 (25.4)	66	White	
54870BEUF	300 kcmil		½	3.00 (76.2)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	1.75 (44.5)	66		
54820BEUF	350 kcmil	650/24 262 kcmil	¼	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.25 (6.4)	0.75 (19.1)	71	Red	
54872BEUF0616	350 kcmil		¾	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)	71		
54872BEUF0616PH	350 kcmil		¾	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)	71		
54872BEUF	350 kcmil		½	3.00 (76.2)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	1.75 (44.5)	71		

Diagrams



\* 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 section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



Peep holes available – Add suffix PH

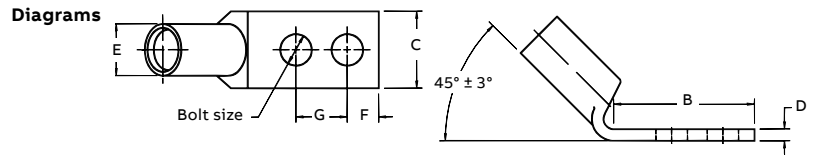
Material – High-conductivity wrought copper

Finish – Electro tin plated



Two-hole lugs – 45° Long barrel certified to 600 V and recommended up to 35 kV\* (continued)

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	G			
54822BEUF	400 kcmil	775/24	¼	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.25 (6.4)	0.75 (19.1)	76	Blue	
54821BEUF	400 kcmil	313 kcmil	⅜	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.00 (25.4)	76		
54874BEUF	400 kcmil		½	3.00 (76.2)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)	1.75 (44.5)	76		
54823BEUF	500 kcmil	400 kcmil	¼	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.25 (6.4)	0.75 (19.1)	87	Brown	
54876BEUF0616	500 kcmil	925/24	⅜	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)	87		
54876BEUF0616PH	500 kcmil	350/373 kcmil	⅜	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)	87		
54876BEUF	500 kcmil		½	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.75 (44.5)	87		
54824BEUF	600 kcmil	1,100/24	⅜	2.80 (71.1)	1.75 (44.5)	0.24 (6.1)	1.20 (27.9)	0.38 (9.7)	1.00 (25.4)	94	Green	
54878BEUF	600 kcmil	444 kcmil	½	3.00 (76.2)	1.75 (44.5)	0.24 (6.1)	1.20 (27.9)	0.50 (12.7)	1.75 (44.5)	94		
54880BEUF0616	750 kcmil	1,325/24	⅜	2.06 (52.3)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.00 (25.4)	106	Black	
54880BEUF0616PH	750 kcmil	535 kcmil	⅜	2.06 (52.3)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.00 (25.4)	106		
54880BEUF	750 kcmil		½	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)	106		
58884BEUF	–	1,600/24, 646 kcmil	½	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)	106		
58826BEUF	900 kcmil	1,925/24 750/777 kcmil	½	3.00 (76.2)	2.18 (55.4)	0.31 (7.9)	1.50 (38.1)	0.50 (12.7)	1.75 (44.5)	115	Yellow	
54826BEUF	1,000 kcmil	–	⅜	2.80 (71.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.38 (9.7)	1.00 (25.4)	125	–	
54882BEUF	1,000 kcmil	–	½	3.00 (76.2)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.50 (12.7)	1.75 (44.5)	125		



\* 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 section E31-E48 of the Tools, Dies and Kits catalogue.

# Compression connectors for copper conductors



Peep holes available – Add suffix PH

Material – High-conductivity wrought copper

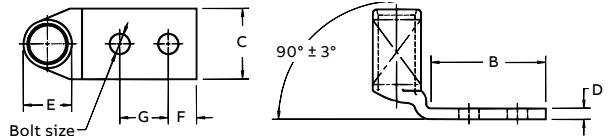
Finish – Electro tin plated



Two-hole lugs – 90° Long barrel certified to 600 V and recommended up to 35 kV\*

Cat no.	Code Flex cable classes cable	Wire size		Dimensions in. (mm)						Die code	Colour code
		G, H, I, K, M	Bolt size	B	C	D	E	F	G		
54850BEUB	#8 AWG	#8 AWG 37/24	¼	1.89 (48.0)	0.42 (10.7)	0.07 (1.8)	0.26 (6.6)	0.21 (5.3)	0.63–0.75 (16.0–19.1)	21	Red
54851BEUB	#8 AWG	#8 Weld	¼	0.29 (32.8)	0.47 (11.9)	0.06 (1.5)	0.26 (6.6)	0.25 (6.4)	0.75 (19.1)	21	
54851BEUB0616	#8 AWG		¾	2.10 (53.3)	0.56 (14.2)	0.06 (1.5)	0.26 (6.6)	0.38 (9.7)	1.00 (25.4)	21	
54852BEUB	#6 AWG	#6 AWG 61/24	¼	1.28 (32.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.63 (16.0)	24	Blue
54852BEUB0412	#6 AWG	#6 Weld	¼	1.43 (36.3)	0.43 (10.9)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.75 (19.1)	24	
54852BEUB0616	#6 AWG		¾	1.93 (49.0)	0.59 (15.0)	0.06 (1.5)	0.30 (7.6)	0.38 (9.7)	1.00 (25.4)	24	
54852BEUB0828	#6 AWG		½	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.30 (7.6)	0.50 (12.7)	1.75 (44.5)	24	
54854BEUB	#4 AWG	#5 AWG 91/24	¼	1.19 (30.2)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)	29	Grey
54854BEUB0412	#4 AWG	#4 Weld	¼	1.31 (33.3)	0.56 (14.2)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	0.75 (19.1)	29	
54854BEUB0416	#4 AWG		¼	1.88 (47.8)	0.58 (14.7)	0.09 (2.3)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)	29	
54854BEUB0516	#4 AWG		⅝	1.75 (44.5)	0.56 (14.2)	0.10 (2.5)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)	29	
54854BEUB0616	#4 AWG		¾	1.98 (50.3)	0.59 (15.0)	0.09 (2.3)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)	29	
54854BEUB0828	#4 AWG		½	3.00 (76.2)	0.88 (22.4)	0.09 (2.3)	0.37 (9.4)	0.50 (12.7)	1.75 (44.5)	29	
54858BEUB0416	#2–3AWG	#3 AWG 125/24	¼	1.88 (47.8)	0.67 (17.0)	0.09 (2.3)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)	33	Brown
54855BEUB	#2–3AWG		¼	1.28 (32.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.63 (16.0)	33	
54855BEUB0412	#2–3AWG		¼	1.35 (34.3)	0.68 (17.3)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.75 (19.1)	33	
54856BEUB	#2–3AWG		⅝	1.63 (41.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	0.75 (19.1)	33	
54810BEUB	#2–3AWG		¾	2.57 (65.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.75 (44.5)	33	
54810BEUB0616	#2–3AWG		¾	1.94 (49.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)	33	
54811BEUB	#2–3AWG		½	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.41 (10.4)	0.50 (12.7)	0.75 (19.1)	33	
54809BEUB	#1 AWG	#2 AWG 150/24	¼	1.19 (30.2)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)	37	Green
54812BEUB	#1 AWG	175/24	¼	1.40 (35.6)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.75 (19.1)	37	
54858BEUB	#1 AWG	#2 Weld	⅝	1.63 (41.4)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	0.88 (22.4)	37	
54857BEUB0616	#1 AWG		¾	1.98 (50.3)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	1.00 (25.4)	37	
54857BEUB	#1 AWG		½	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.47 (11.9)	0.50 (12.7)	1.75 (44.5)	37	
54859BEUB0416	1/0 AWG	1 AWG 225/24	¼	1.88 (47.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	Pink
54859BEUB0416PH	1/0 AWG		¼	1.88 (47.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	
54859BEUB	1/0 AWG		¼	1.19 (30.2)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.63 (16.0)	42	
54813BEUB	1/0 AWG		¼	1.38 (35.1)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.75 (19.1)	42	
54860BEUB	1/0 AWG		⅝	1.63 (41.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	0.88 (22.4)	42	
54860BEUB0616	1/0 AWG		¾	1.98 (50.3)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	
54860BEUB0828	1/0 AWG		½	3.00 (76.2)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.75 (44.5)	42	
54814BEUB	2/0 AWG	1/0 AWG 275/24	¼	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.63 (16.0)	45	Black
54814BEUB0412	2/0 AWG	1/0 Weld	¼	1.31 (33.3)	0.81 (20.6)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.75 (19.1)	45	
54862BEUB0616	2/0 AWG		¾	1.81 (46.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	45	
54862BEUB0616PH	2/0 AWG		¾	1.81 (46.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	45	
54862BEUB	2/0 AWG		½	2.81 (71.4)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	0.75 (19.1)	45	

Diagrams



\* 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 section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



Peep holes available – Add suffix PH

Material – High-conductivity wrought copper

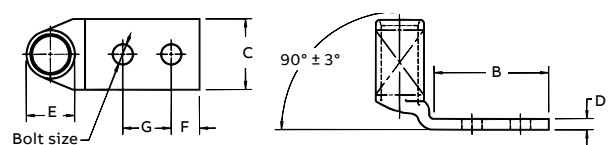
Finish – Electro tin plated



Two-hole lugs – 90° Long barrel certified to 600 V and recommended up to 35 kV\* (continued)

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	G			
54815BEUB	3/0 AWG	2/0 AWG	¼	1.45 (36.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)	0.75 (19.1)	50	Orange	
54816BEUB	3/0 AWG	325/24 2/0 Weld	⅜	1.63 (41.4)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)	50		
54864BEUB	3/0 AWG		½	3.00 (76.2)	0.94 (23.9)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	1.75 (44.5)	50		
54817BEUB	4/0 AWG	3/0 AWG	¼	1.38 (35.1)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	0.75 (19.1)	54	Purple	
54818BEUB	4/0 AWG	450/24 3/0 Weld	⅜	2.63 (66.8)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.75 (44.5)	54		
54818BEUB0616	4/0 AWG		⅜	1.81 (46.0)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54		
54818BEUB0616PH	4/0 AWG		⅜	1.88 (47.8)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54		
54866BEUB	4/0 AWG		½	3.00 (76.2)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	1.75 (44.5)	54		
54868BEUB0616	250 kcmil	4/0 AWG	⅜	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)	62	Yellow	
54868BEUB0616PH	250 kcmil	550/24 4/0 Weld	⅜	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)	62		
54868BEUB	250 kcmil		½	3.00 (76.2)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	1.75 (44.5)	62		
54819BEUB	300 kcmil	250 kcmil	⅜	2.80 (71.1)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	1.00 (25.4)	66	White	
54870BEUB	300 kcmil	650/24 = 262 kcmil	2	3.00 (76.2)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (21.6)	1.75 (44.5)	66		
54820BEUB	350 kcmil	650/24	¼	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.25 (6.4)	0.75 (19.1)	71	Red	
54872BEUB0616	350 kcmil	262 kcmil	⅜	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)	71		
54872BEUB0616PH	350 kcmil		⅜	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)	71		
54872BEUB	350 kcmil		½	3.00 (76.2)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (21.6)	1.75 (44.5)	71		
54822BEUB	400 kcmil	775/24	¼	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.25 (6.4)	0.75 (19.1)	76	Blue	
54821BEUB	400 kcmil	313 kcmil	⅜	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.00 (25.4)	76		
54874BEUB	400 kcmil		½	3.00 (76.2)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (21.6)	1.75 (44.5)	76		
54823BEUB	500 kcmil	400 kcmil	¼	1.94 (49.3)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.25 (6.4)	0.75 (19.1)	87	Brown	
54823BEUB0616	500 kcmil	925/24	⅜	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)	87		
54876BEUB0616PH	500 kcmil	350/373 kcmil	⅜	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)	87		
54876BEUB	500 kcmil		½	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (21.6)	1.75 (44.5)	87		
54824BEUB	600 kcmil	1,110/24,	⅜	2.80 (71.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.38 (9.7)	1.00 (25.4)	94	Green	
54878BEUB	600 kcmil	444 kcmil	½	3.00 (76.2)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (21.6)	1.75 (44.5)	94		
54880BEUB0616	750 kcmil	1,325/24	⅜	2.06 (52.3)	1.94 (6.9)	0.27 (6.9)	1.33 (33.8)	0.50 (21.6)	1.00 (25.4)	106	Black	
54880BEUB0616PH	750 kcmil	535 kcmil	⅜	2.06 (52.3)	1.94 (6.9)	0.27 (6.9)	1.33 (33.8)	0.50 (21.6)	1.00 (25.4)	106		
54880BEUB	750 kcmil		½	3.00 (76.2)	1.94 (6.9)	0.27 (6.9)	1.33 (33.8)	0.50 (21.6)	1.75 (44.5)	106		
58884BEUB	–	1,600/24, 646 kcmil	½	3.00 (76.2)	1.94 (6.9)	0.27 (6.9)	1.33 (33.8)	0.50 (21.6)	1.75 (44.5)	106		
58826BEUB	900 kcmil	1,925/24 750/777 kcmil	½	3.00 (76.2)	2.18 (7.9)	0.31 (7.9)	1.50 (38.1)	0.50 (21.6)	1.75 (44.5)	115	Yellow	
54826BEUB	1,000 kcmil	–	⅜	2.80 (71.1)	2.27 (7.6)	0.30 (7.6)	1.55 (39.4)	0.38 (9.7)	1.00 (25.4)	125	–	
54882BEUB	1,000 kcmil	–	½	3.00 (76.2)	2.27 (7.6)	0.30 (7.6)	1.55 (39.4)	0.50 (21.6)	1.75 (44.5)	125	–	

### Diagrams



\* 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 section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors

Narrow-tongue lugs – Ideal for confined-space terminations



To meet increasing demand for smaller components in today's panels and switchgear, ABB has expanded its line of Color-Keyed narrow-tongue lugs to include two-hole and angled lugs. These improved lugs have been precision engineered for consistency in width the entire length of the connector, from barrel to tongue, ensuring a reliable fit in confined-space applications.

- Narrow-width tongue and barrel, engineered for dimensional consistency the entire length of the lug
- Perfect for connections in limited-space applications
- High-conductivity copper construction
- Electrolytically tin-plated finish resists corrosion
- ABB Color-Keyed marking system makes connections and verification easy
- Double-chamfered barrel eases insertion of wire

### Technical specifications

- Certified rating: 600 V
- Recommended rating: Up to 35 kV<sup>Y</sup>
- Material: 99% pure high-conductivity seamless wrought copper
- Finish: Electro tin plated
- Standards: UL listed, CSA certified and RoHS compliant



### Ideal for use in:

- Panels
- Switchgear
- Molded-case circuit breakers
- Motor starters
- Other limited-space OEM applications

### Now available in:

- One-hole
- Two-hole
- Straight
- 45° angled
- 90° angled

<sup>Y</sup> For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

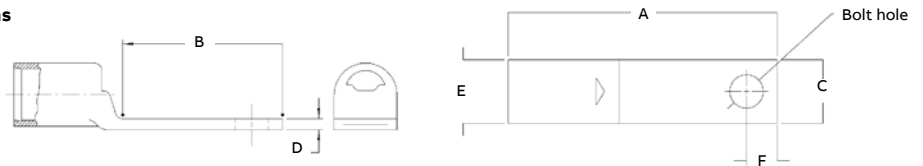
## Compression connectors for copper conductors



Narrow-tongue copper lugs – One-hole, standard barrel certified to 600 V and recommended up to 35 kV\*

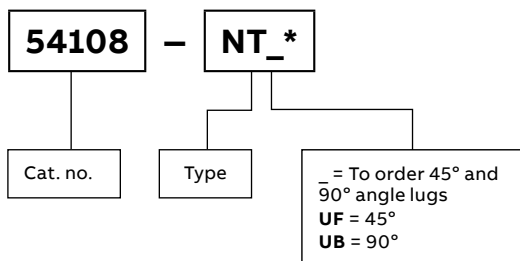
Cat no.	Wire size			Dimensions in. (mm)							Die code	Colour code
	Code cable	Flex cable classes G, H, I, K, M	Bolt size	A	B	C	D	E	F			
54138NT	#4 AWG	#5 AWG – 91/24	#10	1.31 (33.3)	0.56 (14.2)	0.37 (9.4)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	29	Grey	
54107NT	#2–3 AWG	#3 AWG – 125/24	¼	1.50 (38.1)	0.65 (16.5)	0.41 (10.4)	0.07 (1.8)	0.41 (10.4)	0.25 (6.4)	33	Brown	
54108NT	#1 AWG	#2 AWG, 150, 175/24	¼	1.50 (38.1)	0.65 (16.5)	0.47 (11.9)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	37	Green	
54152NT	1/0 AWG	#1 AWG – 225/24	¼	1.60 (40.6)	0.65 (16.5)	0.52 (13.2)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	42	Pink	
54157NT	2/0 AWG	1/0 AWG – 275/24	¼	1.60 (40.6)	0.65 (16.5)	0.57 (14.5)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	45	Black	
54162NT	3/0 AWG	2/0 AWG – 325/24	¼	1.68 (42.7)	0.65 (16.5)	0.63 (16.0)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)	50	Orange	
54167NT	4/0 AWG	3/0 AWG – 450/24	¼	1.90 (48.3)	0.65 (16.5)	0.70 (17.8)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	54	Purple	
54172NT	250 kcmil	4/0 AWG – 550/24	¼	2.00 (50.8)	0.65 (16.5)	0.77 (19.6)	0.14 (3.6)	0.77 (19.6)	0.25 (6.4)	62	Yellow	
54178NT04	300 kcmil	650/24	¼	2.33 (59.2)	0.88 (22.4)	0.85 (21.6)	0.15 (3.8)	0.85 (21.6)	0.25 (6.4)	66	White	
54115NT	350 kcmil	650/24	½	2.75 (69.9)	1.25 (31.8)	0.93 (23.6)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71H	Red	
54115NT06	350 kcmil	650/24	¾	2.50 (63.5)	1.00 (25.4)	0.93 (23.6)	0.18 (4.6)	0.93 (23.6)	0.38 (16.0)	71H	Red	
54118NT	500 kcmil	925/24	½	3.25 (82.6)	1.25 (31.8)	1.10 (27.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	87	Brown	
54123NT08	750 kcmil	1,325/24	½	3.48 (88.4)	1.25 (31.8)	1.33 (33.8)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	106H	Black	
54123NT	750 kcmil	1,325/24	¾	3.80 (96.5)	1.58 (40.1)	1.33 (33.8)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106H	Black	

Diagrams



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

\* Special lugs may have other catalogue number constructions. Please contact technical services.



### Ordering information

Other options include silver plating (add SP to catalogue number), blind end (add BE to catalogue number) and peep holes (add PH to catalogue number).

### Catalogue no. example:

54108NTUB is a 90° angled one-hole narrow-tongue lug for #1 AWG.

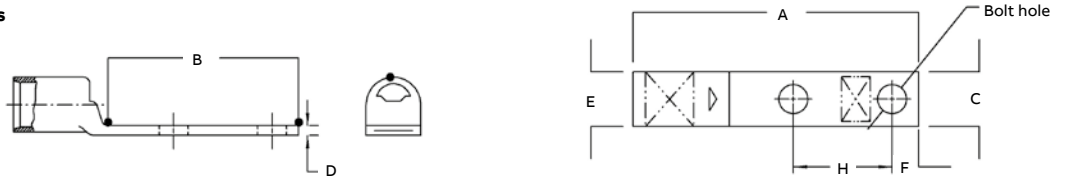
# Compression connectors for copper conductors



Narrow-tongue copper lugs – Two-hole, standard barrel certified to 600 V and recommended up to 35 kV\*

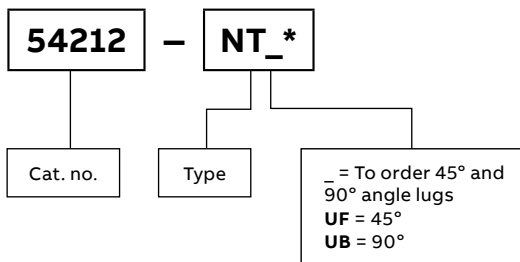
Cat no.	Wire size			Dimensions in. (mm)								Die code	Colour code
	Code cable	Flex cable classes G, H, I, K, M	Bolt size	A	B	C	D	E	F	H			
54206NT0310	#4 AWG	#5 AWG – 91/24	#10	1.88 (47.8)	1.13 (28.7)	0.37 (9.4)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)	29	Grey	
54207NT	#2–3 AWG	#3 AWG – 125/24	¼	2.04 (61.0)	1.19 (30.2)	0.41 (10.4)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.63 (16.0)	33	Brown	
54207NT0412	#2–3 AWG	#3 AWG – 125/24	¼	2.16 (54.9)	1.31 (33.3)	0.41 (10.4)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.75 (19.1)	33	Brown	
54207NT0416	#2–3 AWG	#3 AWG – 125/24	¼	2.41 (61.2)	1.56 (39.6)	0.41 (10.4)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	1.00 (25.4)	33	Brown	
54208NT	#1 AWG	#2 AWG – 150, 175/24	¼	2.40 (61.0)	1.19 (30.2)	0.47 (11.9)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)	37	Green	
54208NT0516	#1 AWG	#2 AWG – 150, 175/24	5/16	2.63 (66.8)	1.78 (45.2)	0.47 (11.9)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	1.00 (25.4)	37	Green	
54255NT	1/0 AWG	#1 AWG – 225/24	5/16	2.61 (66.3)	1.66 (42.2)	0.52 (13.2)	0.14 (3.6)	0.52 (13.2)	0.38 (9.7)	0.88 (22.4)	42	Pink	
54261NT	2/0 AWG	1/0 AWG – 275/24	¾	2.66 (67.6)	1.66 (42.2)	0.57 (14.5)	0.14 (3.6)	0.52 (13.2)	0.38 (9.7)	0.88 (22.4)	45	Black	
54210NT	2/0 AWG	1/0 AWG – 275/24	¾	2.82 (71.6)	1.82 (46.2)	0.57 (14.5)	0.14 (3.6)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	45	Black	
54266NT	3/0 AWG	2/0 AWG – 325/24	¾	2.88 (73.2)	1.78 (45.2)	0.63 (16.0)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)	50	Orange	
54211NT	3/0 AWG	2/0 AWG – 325/24	¾	2.92 (74.2)	1.82 (46.2)	0.63 (16.0)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)	50	Orange	
54212NT	4/0 AWG	3/0 AWG – 450/24	¾	3.07 (94.0)	1.82 (46.2)	0.70 (17.8)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54	Purple	
54213NT	250 kcmil	4/0 AWG – 550/24	¾	3.17 (80.5)	1.82 (46.2)	0.77 (19.6)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)	62	Yellow	
54275NT	250 kcmil	4/0 AWG – 550/24	½	4.16 (105.7)	2.81 (71.4)	0.77 (19.6)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	1.75 (44.5)	62	Yellow	
54282NT	350 kcmil	650/24	½	4.36 (110.7)	2.81 (71.4)	0.93 (23.6)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	1.75 (44.5)	71H	Red	
54218NT	500 kcmil	925/24	¾	4.57 (116.1)	2.57 (65.3)	1.10 (27.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.75 (44.5)	87	Brown	
54286NT	500 kcmil	925/24	½	4.81 (122.2)	2.81 (71.4)	1.10 (27.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.75 (44.5)	87	Brown	
54878BENTPH	600 kcmil	1,100/24	½	5.83 (148.1)	3.00 (76.2)	1.20 (30.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	1.75 (44.5)	94	Green	
54223NT0628	750 kcmil	1,325/24	¾	4.79 (121.7)	2.57 (65.3)	1.33 (33.8)	0.27 (6.9)	1.33 (33.8)	0.38 (9.7)	1.75 (44.5)	106H	Black	
54223NT	750 kcmil	1,325/24	½	5.04 (137.2)	2.81 (71.4)	1.33 (33.8)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)	106H	Black	
58884BENTPH	-	1,600/24	½	6.16 (156.5)	3.00 (76.2)	1.33 (33.8)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	1.75 (44.5)	106H	Black	

Diagrams



Catalogue numbers 54878BENTPH and 58884BENTPH include peep holes.  
 \* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

\* Special lugs may have other catalogue number constructions. Please contact technical services.



Ordering information

Other options include silver plating (add SP to catalogue number), blind end (add BE to catalogue number) and peep holes (add PH to catalogue number).

Catalogue no. example:

54212NTUB is a 90° angled one-hole narrow-tongue lug for #1 AWG.



## Compression connectors for copper conductors

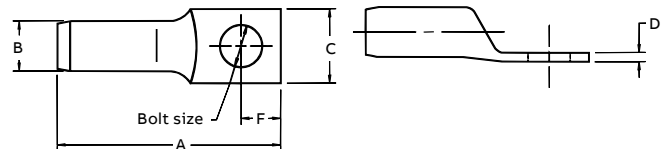
These Color-Keyed connectors are recommended for up to 15 kV applications. Installed with standard ABB 14 and 15-ton compression tools with special rounding dies, the compression forms the connector and conductor into a solid mass to provide an optimum electrical bond between connector and conductor. The rounding die overlapped compressions provide a smooth round surface. This combined with the tapered barrel ends, addresses the control for potentially damaging electrical stresses of high voltages.



Copper one-hole lugs – Certified to 600 V and recommended up to 15 kV

Cat no.	Cable size**		Dimensions in. (mm)						Installing tools 14 and 15 tons*		
	Code cable	Stud size (in.)	A	B	C	D	E	F	Die set cat. no.	Strip length (in.)	Colour code
54440	#4 AWG	3/8	2.08 (71.1)	0.81 (20.6)	0.58 (14.7)	0.08 (2.0)	0.38 (9.7)	0.50 (12.7)	15CA29R	1 <sup>7</sup> / <sub>16</sub>	Grey
54443	#2 AWG	3/8	2.25 (57.2)	0.81 (20.6)	0.66 (16.8)	0.09 (2.3)	0.38 (9.7)	0.50 (12.7)	15CA33R	1 <sup>7</sup> / <sub>16</sub>	Brown
54448	#1 AWG	3/8	2.36 (59.9)	0.81 (20.6)	0.69 (17.5)	0.10 (2.5)	0.38 (9.7)	0.50 (12.7)	15CA37R	1 <sup>18</sup> / <sub>32</sub>	Green
54409	1/0 AWG	3/8	2.38 (60.5)	0.81 (20.6)	0.75 (19.1)	0.12 (3.0)	0.38 (9.7)	0.50 (12.7)	15CA42R	1 <sup>9</sup> / <sub>16</sub>	Pink
54460	2/0 AWG	1/2	2.73 (69.3)	1.06 (40.6)	0.83 (21.1)	0.12 (3.0)	0.50 (12.7)	0.50 (12.7)	15CA45R	1 <sup>9</sup> / <sub>16</sub>	Black
54465	3/0 AWG	1/2	2.81 (71.4)	1.06 (40.6)	0.94 (23.9)	0.12 (3.0)	0.50 (12.7)	0.50 (12.7)	15CA49R	1 <sup>3</sup> / <sub>4</sub>	Orange
54470	4/0 AWG	1/2	2.78 (70.6)	1.06 (40.6)	1.00 (25.4)	0.13 (3.3)	0.50 (12.7)	0.50 (12.7)	15CA54R	1 <sup>13</sup> / <sub>16</sub>	Purple
54413	250 kcmil	1/2	3.19 (81.0)	1.06 (40.6)	1.07 (43.2)	0.14 (3.6)	0.50 (12.7)	0.50 (12.7)	15CA60R	2 <sup>1</sup> / <sub>32</sub>	Ruby

Diagrams



\*\*Cable size: Concentric (code) and compact strandings

\*Cat. no. TB15500 die adaptor required for TBM151

For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors

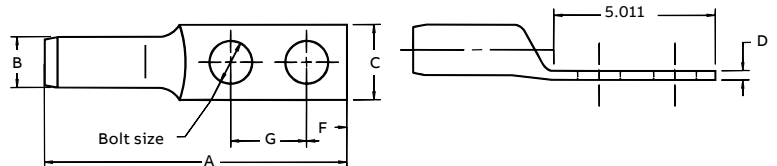
These Color-Keyed connectors are recommended for up to 15 kV applications. Installed with standard ABB 14 and 15-ton compression tools with special rounding dies, the compression forms the connector and conductor into a solid mass to provide an optimum electrical bond between connector and conductor. The rounding die overlapped compressions provide a smooth round surface. This combined with the tapered barrel ends, addresses the control for potentially damaging electrical stresses of high voltages.



Copper two-hole lugs – Certified to 600 V and recommended up to 15 kV

Cat no.	Cable size**		Dimensions in. (mm)							Installing tools 14 and 15 tons*		
	Code cable size (in.)	Stud size (in.)	A	B	C	D	E	F	G	Die set cat. no.	Strip length (in.)	Colour code
54475	1/0 AWG	3/8	3.56 (90.4)	0.53 (13.5)	0.77 (19.6)	0.12 (3.0)	0.38 (9.7)	0.38 (9.7)	1.00 (25.4)	15CA42R	1 1/8	Pink
54476	2/0 AWG	1/2	4.67 (118.6)	0.56 (14.2)	0.83 (21.1)	0.12 (3.0)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA45R	1 1/8	Black
54478	3/0 AWG	1/2	4.75 (120.7)	0.63 (16.0)	0.94 (23.9)	0.12 (3.0)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA49R	1 3/4	Orange
54479	4/0 AWG	1/2	4.64 (117.9)	0.69 (17.3)	1.00 (25.4)	0.13 (3.3)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA54R	1 3/16	Purple
54480	250 kcmil	1/2	5.17 (131.3)	0.75 (19.1)	1.08 (45.7)	0.14 (3.6)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA60R	2 1/32	Ruby
54481	300 kcmil	1/2	5.16 (131.1)	0.81 (20.6)	1.19 (30.2)	0.16 (4.1)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA66R	2 9/32	White
54482	350 kcmil	1/2	5.35 (135.9)	0.88 (22.1)	1.29 (32.8)	0.19 (4.8)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA71R	2 13/32	Red
54483	400 kcmil	1/2	5.35 (135.9)	0.92 (23.4)	1.36 (34.5)	0.18 (4.6)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA76R	2 13/32	Blue
54484	500 kcmil	1/2	5.60 (142.2)	1.06 (40.6)	1.54 (39.1)	0.23 (5.8)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA87R	2 13/32	Brown
54485***	600 kcmil	1/2	5.83 (148.1)	1.17 (29.7)	1.70 (43.2)	0.24 (6.1)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA84R	2 9/16	Green
54487***	750 kcmil	1/2	6.13 (155.7)	1.11 (27.9)	1.89 (48.0)	0.27 (6.9)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA106R	2 3/4	Black
54490	1,000 kcmil	1/2	6.60 (167.6)	1.50 (38.1)	2.18 (55.4)	0.31 (7.9)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15C125R•	2 29/32	-

Diagrams



\* Cat. no. TB15500 die adaptor required for TBM151.

• No adaptor required – TBM151 only.

\*\* Cable size: Concentric (code) and compact strandings.

14-Ton tool UL listing limited to 1/0 AWG and 500 kcmil cable sizes.

\*\*\* 15-Ton tool only for 500 kcmil and over.

For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

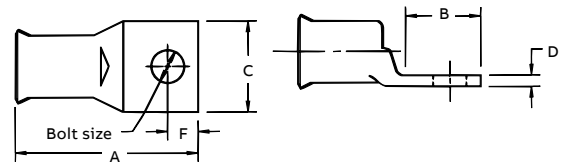
## Compression connectors for copper conductors



Bell-ended lugs – Standard barrel certified to 600 V and recommended up to 35 kV\*

Cat. no.	Wire size (AWG or kcmil)*			Classes					Bolt size (in.)	Dimensions in. (mm)					Die code	Colour code
	Code cable	Navy	Flex	G	H	I	K	M		A	B	C	D	F		
54104BS	8	23	37/24	8	8	-	8	8	#10	1.06 (40.6)	0.46 (11.7)	0.40 (10.2)	0.07 (1.8)	0.21 (5.3)	21	Red
54105BS	6	30	61/24	5	5	5	5	5	1/4	1.18 (30.0)	0.56 (14.2)	0.43 (10.9)	0.10 (2.5)	0.25 (6.4)	24	Blue
54106BS	4	40-50	91/24	5	5	5	5	5	1/4	1.28 (32.5)	0.56 (14.2)	0.56 (14.2)	0.10 (2.5)	0.25 (6.4)	29	Grey
54139BS	3-4	40-50	91/24	4	4	4	4	4	5/16	1.43 (36.3)	0.78 (19.8)	0.59 (19.8)	0.07 (1.8)	0.34 (8.6)	29	Grey
54142BS	2	60	125/24	3	3	3	3	3	5/16	1.53 (38.9)	0.71 (18.0)	0.65 (16.5)	0.07 (1.8)	0.34 (8.6)	33	Brown
54147BS	1	75	150, 175/24	2	2	2	2	2	5/16	1.91 (48.5)	0.71 (18.0)	0.67 (17.0)	0.12 (3.0)	0.38 (9.7)	37	Green
54153BS	1/0	100	225/24	1	1	1	1	1	5/16	1.63 (41.4)	0.71 (18.0)	0.75 (19.1)	0.14 (3.6)	0.38 (9.7)	42	Pink
54110BS	2/0	125	275/24	1/0	1/0	1/0	1/0	1/0	3/8	1.88 (47.8)	0.81 (20.6)	0.81 (20.6)	0.14 (3.6)	0.38 (9.7)	45	Black
54165BS	3/0	150	325/24	2/0	2/0	2/0	2/0	2/0	1/2	2.21 (56.1)	1.06 (40.6)	0.93 (23.6)	0.14 (3.6)	0.50 (12.7)	50	Orange
54170BS	4/0	200	450/24	3/0	3/0	3/0	3/0	3/0	1/2	2.31 (58.7)	1.06 (40.6)	1.03 (33.0)	0.15 (3.8)	0.50 (12.7)	54	Purple
58165BS	250	-	550/24	4/0	4/0	4/0	4/0	4/0	1/2	2.46 (62.5)	1.12 (28.4)	1.25 (31.8)	0.18 (4.6)	0.50 (12.7)	62	Yellow
54114BS	300	300	650/24	250	250	250	250	-	1/2	2.46 (62.5)	1.12 (28.4)	1.25 (31.8)	0.18 (4.6)	0.50 (12.7)	66	White
5411440BS	300	300	650/24	250	250	250	250	-	1/2	2.38 (60.5)	1.12 (28.4)	1.25 (31.8)	0.18 (4.6)	0.50 (12.7)	66	White
54115260BS	350	350	650/24	-	-	250	250	250	1/2	2.63 (66.8)	1.18 (30.0)	1.38 (35.1)	0.20 (5.1)	0.56 (14.2)	66	White
54185BS	400	400	775/24	300	300	300	300	300	5/8	3.43 (87.1)	1.68 (42.7)	1.40 (35.6)	0.21 (5.3)	0.81 (20.6)	76	Blue
58177BS	500	-	925/24	400	400	400	400	400	5/8	3.00 (76.2)	1.31 (33.3)	1.63 (41.4)	0.25 (6.4)	0.81 (20.6)	80	-
58180BS	600	-	1,100/24	-	-	450	450	450	5/8	3.63 (92.2)	1.68 (42.7)	1.78 (45.2)	0.26 (6.6)	0.81 (20.6)	94	Green
54122BS	700	-	1,325/24	500	500	500	500	500	5/8	3.63 (92.2)	1.68 (42.7)	1.78 (45.2)	0.28 (7.1)	0.81 (20.6)	99	Pink
54123BS	750	-	-	600	-	-	-	550	5/8	3.63 (92.2)	1.68 (42.7)	1.93 (49.0)	0.31 (7.9)	0.81 (20.6)	106	Black
54124BS	800	800	-	-	-	-	-	600	5/8	3.81 (96.8)	1.68 (42.7)	2.00 (50.8)	0.31 (7.9)	0.63 (16.0)	107	Orange
54126BS	900	-	1,925/24	-	-	750	-	-	5/8	4.12 (104.6)	1.81 (46.0)	2.18 (55.4)	0.37 (9.4)	0.88 (22.4)	115	Yellow

### Diagrams



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

\* Stranding will differ per class.

For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

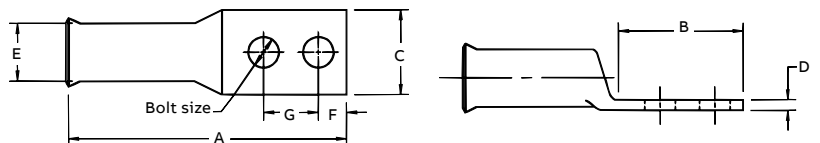
## Compression connectors for copper conductors



Bell-ended lugs – Standard barrel certified to 600 V and recommended up to 35 kV\*

Cat. no.	Wire size (AWG or kcmil)*			Classes					Bolt size (in.)	Dimensions in. (mm)							Die G code	Colour code
	Code cable	Navy	Flex	G	H	I	K	M		A	B	C	D	E	F			
54850BEBS	8	23	8	8	8	-	8	-	¼	2.19 (55.6)	1.88 (47.8)	0.42 (10.7)	0.07 (1.8)	0.26 (6.6)	0.25 (6.4)	0.63 (16.0)	21	Red
54851BEBS	8	23	8	8	8	-	8	-	¼	2.31 (58.7)	1.59 (40.7)	0.47 (11.9)	0.06 (1.5)	0.26 (6.6)	0.25 (6.4)	0.75 (19.1)	21	
54851BE0616BS	8	23	8	8	8	-	8	-	⅜	3.00 (76.2)	2.10 (53.3)	0.56 (14.2)	0.06 (1.5)	0.26 (6.6)	0.38 (9.7)	1.00 (25.4)	21	
54852BE0616BS	6	30	6	5	5	5	5	-	⅜	2.93 (74.4)	1.93 (49.0)	0.59 (15.0)	0.06 (1.5)	0.30 (7.6)	0.38 (9.7)	1.00 (25.4)	24	Blue
54852BEBS	6	30	6	5	5	5	5	-	¼	2.28 (57.9)	1.28 (32.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.63 (16.0)	24	
54852BE0412BS	6	30	6	5	5	5	5	-	¼	2.43 (61.7)	1.43 (36.3)	0.43 (10.9)	0.07 (1.8)	0.30 (7.6)	0.25 (6.4)	0.75 (19.1)	24	
54854BEBS	4-3	40-50	5	5	5	5	5	-	¼	2.31 (58.7)	1.19 (30.2)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)	29	Grey
54854BE0412BS	4-3	40-50	5	5	5	5	5	-	¼	2.31 (58.7)	1.31 (33.3)	0.56 (14.2)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	0.75 (19.1)	29	
54854BE0616BS	4-3	40-50	5	5	5	5	5	-	⅜	3.13 (79.5)	1.98 (50.3)	0.59 (15.0)	0.09 (2.3)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)	29	
54855BE0412BS	2	60	3	3	3	3	3	3	¼	2.63 (66.8)	1.35 (34.3)	0.68 (17.3)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.75 (19.1)	33	Brown
54855BEBS	2	60	3	3	3	3	3	3	¼	2.43 (61.7)	1.28 (32.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.63 (16.0)	33	
54856BEBS	2	60	3	3	3	3	3	3	⅜	2.78 (70.6)	1.63 (41.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	0.75 (19.1)	33	
54810BE0616BS	2	60	3	3	3	3	3	3	⅜	3.08 (96.5)	1.94 (49.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)	33	
54811BEBS	2	60	3	3	3	3	3	3	½	4.28 (108.7)	3.00 (76.2)	0.88 (22.4)	0.09 (2.3)	0.41 (10.4)	0.50 (12.7)	1.75 (44.5)	33	
54809BEBS	1	75	2	2	2	2	2	2	¼	2.88 (73.2)	1.19 (30.2)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)	37	Green
54812BEBS	1	75	2	2	2	2	2	2	¼	2.75 (69.9)	1.40 (35.6)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.75 (19.1)	37	
54858BEBS	1	75	2	2	2	2	2	2	⅜	2.97 (75.4)	1.63 (41.4)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	0.88 (22.4)	37	
54857BEBS	1	75	2	2	2	2	2	2	½	4.43 (112.5)	3.00 (76.2)	0.88 (22.4)	0.10 (2.5)	0.47 (11.9)	0.50 (12.7)	1.75 (44.5)	37	

Diagrams



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

\* Stranding will differ per class.

For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

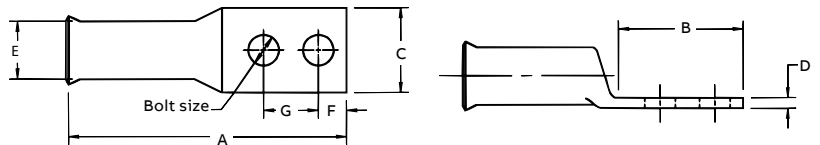
## Compression connectors for copper conductors



Bell-ended lugs – Standard barrel certified to 600 V and recommended up to 35 kV\* (continued)

Cat. no.	Wire size (AWG or kcmil)*			Classes						Bolt size (in.)	Dimensions in. (mm)							Die code	Colour code
	Code cable	Navy	Flex	G	H	I	K	M	A		B	C	D	E	F	G			
54859BEBS	1/0	100	1	1	1	1	1	1	1	1/4	2.63 (66.8)	1.19 (30.2)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.63 (16.0)	42	Pink
54813BEBS	1/0	100	1	1	1	1	1	1	1	1/4	2.71 (68.8)	1.38 (35.1)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.75 (19.1)	42	
54860BEBS	1/0	100	1	1	1	1	1	1	1	5/16	2.97 (75.4)	1.63 (41.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	0.88 (22.4)	42	
54860BE0616BS	1/0	100	1	1	1	1	1	1	1	3/8	3.23 (82.0)	1.93 (49.0)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	
54814BEBS	2/0	250	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/4	2.62 (66.5)	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.63 (16.0)	45	Black
54814BE0412BS	2/0	250	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/4	2.69 (68.3)	1.31 (33.3)	0.81 (20.6)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.75 (19.1)	45	
54862BE0616BS	2/0	250	1/0	1/0	1/0	1/0	1/0	1/0	1/0	3/8	3.19 (81.0)	1.81 (46.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	45	
54862BEBS	2/0	250	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/2	2.20 (55.9)	2.81 (71.4)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	1.75 (44.5)	45	
54815BEBS	3/0	150	2/0	2/0	2/0	2/0	2/0	2/0	2/0	1/4	2.89 (73.4)	1.45 (36.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)	0.75 (19.1)	50	Orange
54816BEBS	3/0	150	2/0	2/0	2/0	2/0	2/0	2/0	2/0	3/8	3.25 (82.6)	1.63 (41.4)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)	50	
54864BEBS	3/0	150	2/0	2/0	2/0	2/0	2/0	2/0	2/0	1/2	4.45 (113.0)	3.00 (76.2)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	1.75 (44.5)	50	
54817BEBS	4/0	200	3/0	3/0	3/0	3/0	3/0	3/0	3/0	1/4	3.15 (80.0)	1.38 (35.1)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	0.75 (19.1)	54	Purple
54818BE0616BS	4/0	200	3/0	3/0	3/0	3/0	3/0	3/0	3/0	3/8	3.35 (85.1)	1.81 (46.0)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	1.00 (25.4)	54	
54818BEBS	4/0	200	3/0	3/0	3/0	3/0	3/0	3/0	3/0	3/8	4.38 (111.3)	2.63 (66.8)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.75 (44.5)	54	
54866BEBS	4/0	200	3/0	3/0	3/0	3/0	3/0	3/0	3/0	1/2	4.70 (119.4)	3.00 (76.2)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	1.75 (44.5)	54	
54868BE0616BS	250	-	4/0	4/0	4/0	4/0	4/0	4/0	4/0	3/8	3.83 (97.3)	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	1.00 (25.4)	62	Yellow
54868BEBS	250	-	4/0	4/0	4/0	4/0	4/0	4/0	4/0	1/2	4.92 (125.0)	3.00 (76.2)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	1.75 (44.5)	62	

Diagrams



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

\* Stranding will differ per class.

For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

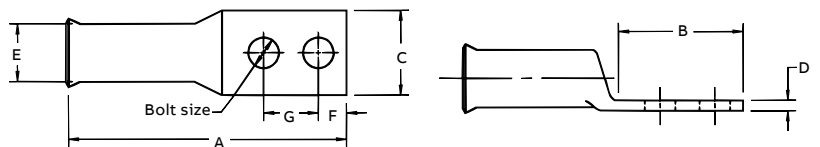
## Compression connectors for copper conductors



Bell-ended lugs – Standard barrel certified to 600 V and recommended up to 35 kV\* (continued)

Cat. no.	Wire size (AWG or kcmil)*			Classes					Bolt size (in.)	Dimensions in. (mm)							Die code	Colour code
	Code cable	Navy	Flex	G	H	I	K	M		A	B	C	D	E	F	G		
54819BEBS	300	300	262	250	250	250	250	-	3/8	5.04 (137.2)	2.80 (71.1)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	1.00 (25.4)	66	White
54870BEBS	300	300	262	250	250	250	250	-	1/2	5.23 (132.8)	3.00 (76.2)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	1.75 (44.5)	66	
54822BEBS	400	400	313	300	300	300	300	-	1/4	4.38 (111.3)	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.63 (16.0)	0.75 (19.1)	76	Blue
54821BEBS	400	400	313	300	300	300	300	-	3/8	4.43 (112.5)	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.63 (16.0)	1.00 (25.4)	76	
54874BEBS	400	400	313	300	300	300	300	-	1/2	5.51 (140.0)	3.00 (76.2)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.63 (16.0)	1.75 (44.5)	76	Blue
54823BEBS	500	-	373	400	400	400	400	-	1/4	4.93 (125.2)	1.94 (49.3)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	0.75 (19.1)	87	Brown
54876BE0616BS	500	-	373	400	400	400	400	-	3/8	5.00 (127.0)	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.00 (25.4)	87	Brown
54876BEBS	500	-	373	400	400	400	400	-	1/2	6.00 (152.4)	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.75 (44.5)	87	Brown
54824BEBS	-	-	444	-	-	450	450	-	3/8	5.70 (144.8)	2.80 (71.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.63 (16.0)	1.00 (25.4)	94	Green
54878BEBS	-	-	444	-	-	450	450	-	1/2	5.83 (148.1)	3.00 (76.2)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.63 (16.0)	1.75 (44.5)	94	Green
54879BEBS	700	-	535	-	-	-	-	-	1/2	6.00 (152.4)	3.00 (76.2)	2.81 (71.4)	0.28 (7.1)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)	99	Pink
54880BEBS	700	-	535	500	500	500	500	-	1/2	6.20 (157.5)	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	1.75 (44.5)	106	Black
58884BEBS	-	-	646	-	-	-	-	-	1/2	6.16 (156.4)	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)	106	Black
58826BEBS	900	-	777	-	-	750	-	-	3/8	6.49 (164.8)	2.80 (71.1)	2.27 (57.7)	0.30 (7.6)	1.50 (38.1)	0.63 (16.0)	1.00 (25.4)	115	Yellow

Diagrams



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

\* Stranding will differ per class.

For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High-conductivity wrought copper  
**Finish** – Electro tin plated



Two-barrel lugs – Certified to 600 V and recommended up to 35 kV\*

Cat. no.	Wire size (AWG or kcmil)		Hole size (in.)	Fig. no.	Dimensions in. (mm)			Die code	Colour code
	Code cable	Flex			A	W	T		
256-30695-828	#6	61/24	1/4	1	2.94 (74.7)	0.44 (11.2)	0.06 (1.5)	24	Blue
256-30695-1227	#6	61/24	1/4	2	3.38 (85.9)	0.44 (11.2)	0.06 (1.5)	24	Blue

**Diagrams**

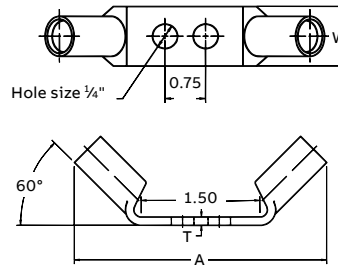


Figure 1

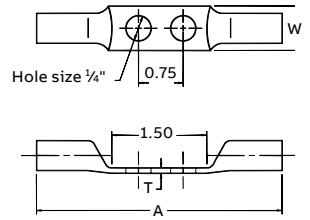


Figure 2

\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



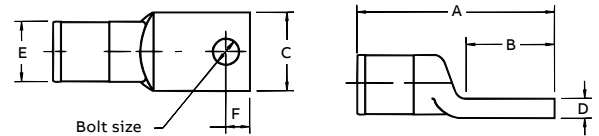
**Material** – High-conductivity wrought copper  
**Finish** – Electro tin plated



Cast copper one-hole lugs heavy-duty — certified to 600 V and recommended up to 35 kV\*

Cat. no.	Code cable size (AWG or kcmil)	Dimensions in. (mm)					Bolt size (in.)	Die code
		A	B	C	D	F		
53104	8	1.43 (36.3)	0.75 (19.1)	0.50 (12.7)	0.12 (3.0)	0.28 (7.1)	#10	29
53105	6	1.43 (36.3)	0.75 (19.1)	0.50 (12.7)	0.12 (3.0)	0.28 (7.1)	¼	29
53106	4	1.43 (36.3)	0.75 (19.1)	0.50 (12.7)	0.12 (3.0)	0.28 (7.1)	¼	29
53107	2	2.00 (50.8)	1.00 (25.4)	0.75 (19.1)	0.25 (6.4)	0.43 (10.9)	¼	45
53108	1	2.00 (50.8)	1.00 (25.4)	0.75 (19.1)	0.25 (6.4)	0.43 (10.9)	¼	45
53109	1/0	2.00 (50.8)	1.00 (25.4)	0.75 (19.1)	0.25 (6.4)	0.43 (10.9)	⅜	45
53161*	325/24	2.18 (55.4)	0.75 (19.1)	0.81 (20.6)	0.21 (5.3)	0.43 (10.9)	⅜	54
53110	2/0	2.63 (66.8)	1.25 (31.8)	1.00 (25.4)	0.28 (7.1)	0.53 (13.5)	⅜	66
53111	3/0	2.63 (66.8)	1.25 (31.8)	1.00 (25.4)	0.28 (7.1)	0.53 (13.5)	⅜	66
53112	4/0	2.63 (66.8)	1.25 (31.8)	1.00 (25.4)	0.28 (7.1)	0.53 (13.5)	⅜	66
53165*	650/24	3.06 (91.4)	1.38 (35.1)	1.18 (30.0)	0.31 (7.9)	0.75 (19.1)	½	76
53113	250 kcmil	3.06 (91.4)	1.50 (38.1)	1.18 (30.0)	0.31 (7.9)	0.75 (19.1)	½	76
53114	300 kcmil	3.06 (91.4)	1.50 (38.1)	1.18 (30.0)	0.31 (7.9)	0.75 (19.1)	½	76
53115	350 kcmil	3.81 (96.8)	2.00 (50.8)	1.38 (35.1)	0.38 (9.7)	0.81 (20.6)	½	99
53116	400 kcmil	3.81 (96.8)	2.00 (50.8)	1.38 (35.1)	0.38 (9.7)	0.81 (20.6)	½	99
53118	500 kcmil	3.81 (96.8)	2.00 (50.8)	1.38 (35.1)	0.38 (9.7)	0.81 (20.6)	½	99
53168*	1,100/24	3.81 (96.8)	1.63 (41.4)	1.63 (41.4)	0.40 (10.2)	0.88 (22.4)	½	107
53169*	1,325/24	3.81 (96.8)	1.63 (41.4)	1.63 (41.4)	0.40 (10.2)	0.88 (22.4)	½	107
53123	750 kcmil	4.18 (106.2)	2.12 (53.8)	1.63 (41.4)	0.43 (10.9)	1.00 (25.4)	½	112
53173*	2,750/24	5.06 (142.2)	1.88 (47.8)	2.12 (53.8)	0.56 (14.2)	1.18 (30.0)	½	150

**Diagrams**



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

\* Not UL Listed and CSA non applicable.

For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.



## Compression connectors for copper conductors



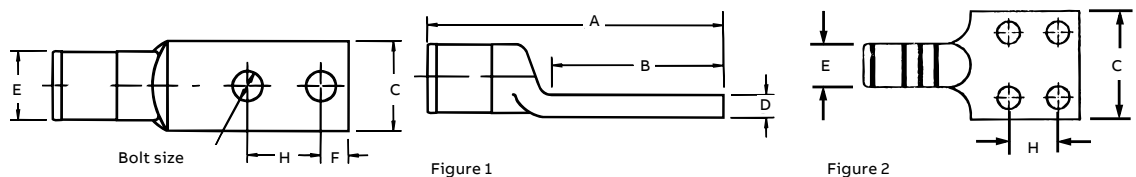
**Material** – High-conductivity wrought copper  
**Finish** – Electro tin plated



Cast copper two-hole lugs for code copper cable – Certified to 600 V and recommended up to 35 kV\*

Cat. no.	Code cable size (AWG or kcmil)	Bolt size (in.)	Dimensions in. (mm)							No. of crimps			
			A	B	C	D	E	F	H	Die code	12 ton	15 ton	40 ton
256-30695-1055	#14-10	¼	2.00 (50.8)	1.31 (33.3)	0.50 (12.7)	0.12 (3.0)	0.38 (9.7)	0.25 (6.4)	0.63-0.75 (16.0-19.1)	29	1	1	1
53204	#8	¼	2.00 (50.8)	1.31 (33.3)	0.50 (12.7)	0.09 (2.3)	0.38 (9.7)	0.25 (6.4)	0.63 (16.0)	29	1	1	1
53205	#8	¼	2.00 (50.8)	1.31 (33.3)	0.50 (12.7)	0.12 (3.0)	0.38 (9.7)	0.25 (6.4)	0.63 (16.0)	29	1	1	1
53206	#4	¼	2.00 (50.8)	1.31 (33.3)	0.50 (12.7)	0.12 (3.0)	0.38 (9.7)	0.25 (6.4)	0.63 (16.0)	29	1	1	1
53207	#2	¼	3.00 (76.2)	2.00 (50.8)	0.75 (19.1)	0.12 (3.0)	0.59 (15.0)	0.50 (12.7)	0.75 (19.1)	45	1	1	1
53208	#1	¼	3.00 (76.2)	2.00 (50.8)	0.75 (19.1)	0.25 (6.4)	0.59 (15.0)	0.50 (12.7)	1.00 (25.4)	45	1	1	1
53209	1/0	⅜	3.00 (76.2)	2.00 (50.8)	0.75 (19.1)	0.25 (6.4)	0.59 (15.0)	0.50 (12.7)	1.00 (25.4)	45	1	1	1
53210	2/0	⅜	4.31 (109.5)	3.00 (76.2)	0.75 (19.1)	0.18 (4.6)	0.84 (21.3)	0.63 (16.0)	1.75 (44.5)	66	1	1	1
53211	3/0	½	4.31 (109.5)	3.00 (76.2)	1.00 (25.4)	0.28 (7.1)	0.84 (21.3)	0.63 (16.0)	1.75 (44.5)	66	1	1	1
53212	4/0	½	4.31 (109.5)	3.00 (76.2)	1.00 (25.4)	0.28 (7.1)	0.84 (21.3)	0.63 (16.0)	1.75 (44.5)	66	1	1	1
53213	250	½	4.56 (115.8)	3.00 (76.2)	1.18 (30.0)	0.18 (4.6)	0.93 (23.6)	0.63 (16.0)	1.75 (44.5)	76	1	1	1
53214	300	½	4.56 (115.8)	3.00 (76.2)	1.18 (30.0)	0.31 (7.9)	0.93 (23.6)	0.63 (16.0)	1.75 (44.5)	76	1	1	1
53215	350	½	5.31 (134.9)	3.50 (88.9)	1.38 (35.1)	0.25 (6.4)	1.21 (30.7)	0.63 (16.0)	1.75 (44.5)	99	2	1	1
53216	400	½	5.31 (134.9)	3.50 (88.9)	1.38 (35.1)	0.38 (9.7)	1.21 (30.7)	0.63 (16.0)	1.75 (44.5)	99	2	1	1
53218	500	½	5.31 (134.9)	3.50 (88.9)	1.38 (35.1)	0.38 (9.7)	1.21 (30.7)	0.63 (16.0)	1.75 (44.5)	99	2	1	1
53220M	600	½	5.31 (134.9)	3.50 (88.9)	1.63 (41.4)	0.53 (13.5)	1.35 (34.3)	0.63 (16.0)	1.75 (44.5)	112	2	1	1
53222M	700	½	5.31 (134.9)	3.50 (88.9)	1.63 (41.4)	0.03 (0.8) ±	1.35 (34.3)	0.63 (16.0)	1.75 (44.5)	112	2	1	1
53223M	750	½	5.31 (134.9)	3.50 (88.9)	1.63 (41.4)	0.03 (0.8) ±	1.35 (34.3)	0.63 (16.0)	1.75 (44.5)	112	2	1	1
53269*	1,325/24	½	5.50 (139.7)	3.50 (88.9)	1.63 (41.4)	0.40 (10.2)	1.35 (34.3)	0.63 (16.0)	1.75 (44.5)	107	2	1	1
53224	800	½	6.00 (152.4)	3.50 (88.9)	1.88 (47.8)	0.31 (7.9)	1.56 (39.6)	0.63 (16.0)	1.75 (44.5)	130	-	1	1
53226	900	½	6.00 (152.4)	3.50 (88.9)	1.88 (47.8)	0.46 (11.7)	1.56 (39.6)	0.63 (16.0)	1.75 (44.5)	130	-	1	1
53228	1000	½	6.00 (152.4)	3.50 (88.9)	1.88 (47.8)	0.46 (11.7)	1.56 (39.6)	0.63 (16.0)	1.75 (44.5)	130	-	1	1
53273*	1,100 2,750/24	½	6.19 (157.2)	3.50 (88.9)	2.12 (53.8)	0.56 (14.2)	1.90 (28.3)	0.63 (16.0)	1.75 (44.5)	150 or 150H	-	-	-
53233	1,500	½	6.25 (158.8)	3.50 (88.9)	2.25 (57.2)	0.50 (12.7)	1.90 (28.3)	0.63 (16.0)	1.75 (44.5)	150	-	1	1
53233L	1,500	½	7.31 (185.7)	3.12 (79.2)	2.00 (50.8)	0.50 (12.7)	1.88 (47.8)	0.63 (16.0)	1.75 (44.5)	150	-	1	-
53432L*	1,500	½	7.31 (185.7)	3.12 (79.2)	3.00 (76.2)	0.50 (12.7)	1.88 (47.8)	0.63 (16.0)	1.75 (44.5)	150	-	1	-
251-30485-1275	1,250	9/16	6.19 (157.2)	3.50 (88.9)	2.12 (53.8)	0.56 (14.2)	1.90 (48.3)	0.63 (16.0)	1.75 (44.5)	150	-	-	-
251-30485-1211	1,750	-	6.38 (162.1)	3.12 (79.2)	3.00 (76.2)	0.50 (12.7)	2.18 (55.4)	-	-	175	-	-	2 (fig. 2)
251-30485-1212	1,750	-	6.38 (162.1)	3.12 (79.2)	2.25 (57.2)	0.50 (12.7)	2.18 (55.4)	-	-	175	-	-	2 (fig. 1)
53239	2,000 169/110	½	6.19 (157.2)	3.50 (88.9)	2.75 (69.9)	0.50 (12.7)	2.18 (55.4)	0.63 (16.0)	0.63 (16.0)	175	-	-	-
53239L	178/0.104 2,000 169/0.110	½	7.31 (185.7)	3.12 (79.2)	2.25 (57.2)	0.50 (12.7)	2.46 (62.5)	0.63 (16.0)	0.63 (16.0)	175	-	-	-
53439L*	178/0.104 2,000	½	7.31 (185.7)	3.12 (79.2)	3.00 (76.2)	0.50 (12.7)	2.18 (55.4)	0.63 (16.0)	0.63 (16.0)	175	-	-	-11421 die

**Diagrams**



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

\* Heavy-duty copper lugs for flexible strand cables 600 V not UL or CSA listed.

- CSA not applicable.

For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

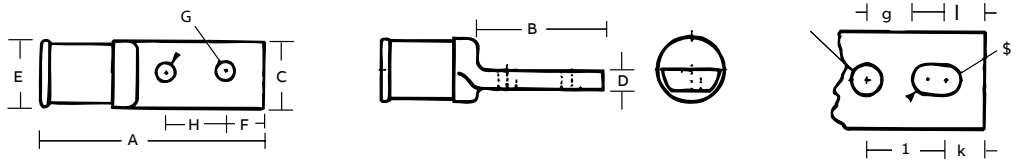
# Compression connectors for copper conductors

Material – Cast copper

Color-Keyed method – Traction motor disconnect lugs for diesel-electric locomotives

Cat. no.	Cable size	Dimensions in. (mm)				Approx. dia. E in. (mm)	Bolt size in. (mm)			Die code
		A	B	C	D		F	G	H	
MD37	37/24	2.44 (62.0)	1.75 (44.5)	0.59 (15.0)	0.16 (4.1)	0.38 (9.7)	0.38 (9.7)	0.31 (7.9)	0.88 (24.4)	26
MDD61	61/24	2.44 (62.0)	1.75 (44.5)	0.59 (15.0)	0.16 (4.1)	0.38 (9.7)	0.38 (9.7)	0.31 (7.9)	0.88 (24.4)	26
MD 105	105/24	2.63 (66.8)	1.75 (44.5)	0.59 (15.0)	0.16 (4.1)	0.44 (11.2)	0.38 (9.7)	0.31 (7.9)	0.88 (24.4)	33
MD 105	91/24	2.63 (66.8)	1.75 (44.5)	0.59 (15.0)	0.16 (4.1)	0.44 (11.2)	0.38 (9.7)	0.31 (7.9)	0.88 (24.4)	33
MD 125	125/24	2.63 (66.8)	1.75 (44.5)	0.59 (15.0)	0.20 (5.2)	0.44 (11.2)	0.38 (9.7)	0.31 (7.9)	0.88 (24.4)	33
MD 150	150/24	2.06 (52.3)	1.88 (47.8)	0.59 (15.0)	0.20 (5.2)	0.63 (16.0)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	45
MD 175	175/24	2.06 (52.3)	1.88 (47.8)	0.59 (15.0)	0.20 (5.2)	0.63 (16.0)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	45
MD 225	225/24	3.00 (76.2)	1.88 (47.8)	0.69 (17.5)	0.20 (5.2)	0.72 (18.3)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	60
MD 275	275/24	3.00 (76.2)	1.88 (47.8)	0.69 (17.5)	0.20 (5.2)	0.72 (18.3)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	60
MD 325	325/24	3.00 (76.2)	1.88 (47.8)	0.69 (17.5)	0.20 (5.2)	0.72 (18.3)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	60
MD 375	375/24	3.13 (79.5)	2.00 (50.8)	0.78 (19.8)	0.20 (5.2)	0.72 (18.3)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	60
MD 450	450/24	3.13 (79.5)	2.00 (50.8)	0.78 (19.8)	0.20 (5.2)	0.72 (18.3)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	60
MD 550	550/24	3.19 (81.0)	1.88 (47.8)	0.94 (23.9)	0.20 (5.2)	1.00 (25.4)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	76
MD 650	650/24	3.19 (81.0)	1.88 (47.8)	0.94 (23.9)	0.20 (5.2)	1.00 (25.4)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	76
MD 775	775/24	3.19 (81.0)	1.88 (47.8)	0.94 (23.9)	0.38 (9.5)	1.00 (25.4)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	76
MD 925	925/24	3.75 (95.3)	2.06 (52.3)	1.13 (28.7)	0.38 (9.5)	1.16 (29.5)	0.44 (11.2)	0.38 (9.7)	1.00 (25.4)	87
MD 1100	1,100/24	3.75 (95.3)	2.06 (52.3)	1.34 (34.0)	0.38 (9.5)	1.38 (35.1)	0.44 (11.2)	0.38 (9.7)	1.00 (25.4)	107
MD 1325	1,325/24	3.78 (96.0)	2.09 (53.3)	1.16 (29.5)	0.38 (9.5)	1.75 (44.5)	0.44 (11.2)	0.38 (9.7)	1.00 (25.4)	107
MD 1600	1,600/24	3.75 (95.3)	2.06 (52.3)	1.34 (34.0)	0.38 (9.5)	1.38 (35.1)	0.44 (11.2)	0.38 (9.7)	1.00 (25.4)	107
MD 1925*	1,925/24	4.06 (103.1)	2.09 (53.3)	1.34 (34.0)	0.38 (9.5)	1.50 (38.1)	0.44 (11.2)	0.38 (9.7)	1.00 (25.4)	115
MD 2300	2,300/24	4.38 (111.3)	2.13 (54.1)	1.59 (40.4)	0.38 (9.5)	1.66 (42.2)	0.44 (11.2)	0.38 (9.7)	1.00 (25.4)	130

Diagrams



Note: some parts may not be current on the system. Consult your regional sales office for informations.

Tooling: all hydraulic tools 12 tons and up.

For use in mechanically splicing traction motor wires. MES Flex (B) and DLU.

\* Supplied with elongated bolt hole.

## Compression connectors for copper conductors



### One-hole metric lugs

Color-Keyed metric lugs are manufactured from electrolytic copper tube. The dimensions of the tube are designed to obtain the most efficient electrical conductivity and mechanical strength, resisting vibration and pullout. Color-Keyed metric lugs are annealed to guarantee optimum ductility, which is a necessity for compression connectors having to withstand severe deformation arising when compressed or bending of the tongue that may happen during installation. Connectors have to perform adequately with vibration loads, and annealing is necessary to avoid material failure between the barrel and the tongue.

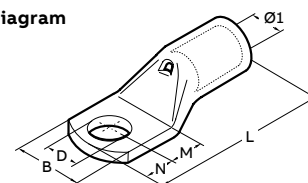
The presence of an inspection hole facilitates full insertion of the conductor, and the barrel length is designed to allow easy and accurate positioning of the dies during the crimping operation. Lugs are electrolytically tin-plated to eliminate oxidation of the copper material. Color-Keyed metric lugs complement our connector family and meet a growing need for customer's connector requirements. Details of the appropriate crimping tools and dies are included. Our ABB sales representative group is always available to provide any technical advice required. Please contact them if sizes are needed additional to those shown in this catalogue.



### One-hole metric lugs

Cat. no.	Cond. size mm <sup>2</sup>		Stud (mm)	Dimensions (mm)						Std. pkg.	6-tons	14-tons	26-tons
	Low stranded	Flexible		Ø1	B	M	N	L	D		TBM62PCR-LI (crimps)	TBM14CR-LI (crimps)	TBM26MCC (crimps)
MCC6M4*	-	4 ÷ 6	4	3.6	8.0	5.0	4.0	21.5	4.3	100	MCD6-6 (1)	-	-
MCC6M5*	-	4 ÷ 6	5	3.6	9.0	6.5	6.0	25.0	5.3	100	MCD6-6 (1)	-	-
MCC6M6*	-	4 ÷ 6	6	3.6	11.0	7.0	6.0	25.5	6.4	100	MCD6-6 (1)	-	-
MCC10M4	-	10	4	4.6	10.0	5.0	4.0	22.5	4.3	100	MCD10-6 (1)	MCD10-14 (1)	-
MCC10M5	-	10	5	4.6	10.0	6.5	6.0	26.0	5.3	100	MCD10-6 (1)	MCD10-14 (1)	-
MCC10M6	-	10	6	4.6	11.0	7.0	6.0	26.5	6.4	100	MCD10-6 (1)	MCD10-14 (1)	-
MCC10M8	-	10	8	4.6	15.0	9.0	8.0	30.5	8.4	100	MCD10-6 (1)	MCD10-14 (1)	-
MCC10M10	-	10	10	4.6	18.0	11.0	10.0	34.5	10.5	100	MCD10-6 (1)	MCD10-14 (1)	-
MCC16M4	-	16	4	5.8	11.5	5.0	4.0	25.5	4.3	100	MCD16-6 (1)	MCD16-14 (1)	-
MCC16M5	-	16	5	5.8	11.5	6.5	6.0	29.0	5.3	100	MCD16-6 (1)	MCD16-14 (1)	-
MCC16M6	-	16	6	5.8	11.5	7.0	6.0	29.5	6.4	100	MCD16-6 (1)	MCD16-14 (1)	-
MCC16M8	-	16	8	5.8	15.0	9.0	8.0	33.5	8.4	100	MCD16-6 (1)	MCD16-14 (1)	-
MCC16M10	-	16	10	5.8	18.0	11.0	10.0	37.5	10.5	100	MCD16-6 (1)	MCD16-14 (1)	-
MCC25M5	-	25	5	7.0	14.0	6.5	6.0	31.5	5.3	100	MCD25-6 (1)	MCD25-14 (1)	-
MCC25M6	-	25	6	7.0	14.0	7.0	6.0	32.0	6.4	100	MCD25-6 (1)	MCD25-14 (1)	-
MCC25M10	-	25	10	7.0	18.0	11.0	10.0	40.0	10.5	100	MCD25-6 (1)	MCD25-14 (1)	-
MCC35M5	35	25, 35	5	8.9	17.0	6.5	6.0	34.0	5.3	100	MCD35-6 (1)	MCD35-14 (1)	-
MCC35M6	35	25, 35	6	8.9	17.0	7.0	6.0	34.5	6.4	100	MCD35-6 (1)	MCD35-14 (1)	-
MCC35M8	35	25, 35	8	8.9	17.0	9.0	8.0	38.5	8.4	100	MCD35-6 (1)	MCD35-14 (1)	-
MCC35M10	35	25, 35	10	8.9	19.0	11.0	10.0	42.5	10.5	100	MCD35-6 (1)	MCD35-14 (1)	-
MCC35M12	35	25, 35	12	8.9	21.0	14.0	12.0	47.5	13.2	100	MCD35-6 (1)	MCD35-14 (1)	-
MCC50M8	50	35, 50	8	10.0	19.0	19.0	8.0	42.5	8.4	50	MCD50-6 (1)	MCD50-14 (1)	-
MCC50M10	50	35, 50	10	10.0	20.0	11.0	10.0	46.5	10.5	50	MCD50-6 (1)	MCD50-14 (1)	-
MCC50M12	50	35, 50	12	10.0	21.0	14.0	12.0	51.5	13.2	50	MCD50-6 (1)	MCD50-14 (1)	-

Diagram



\* UL not applicable.

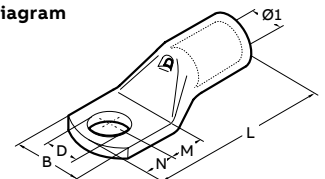
## Compression connectors for copper conductors



One-hole metric lugs (continued)

Cat. no.	Cond. size mm <sup>2</sup>		Stud (mm)	Dimensions (mm)						Std. pkg.	6-tons TBM62PCR-LI (crimps)	14-tons TBM14CR-LI (crimps)	26-tons TBM26MCC (crimps)
	Low stranded	Flexible		Ø1	B	M	N	L	D				
MCC70M6	70	50, 70	6	11.3	21.0	8.0	7.0	44.0	6.4	50	MCD70-6 (1)	MCD70-14 (1)	-
MCC70M8	70	50, 70	8	11.3	21.0	9.0	8.0	46.0	8.4	50	MCD70-6 (1)	MCD70-14 (1)	-
MCC70M10	70	50, 70	10	11.3	21.0	11.0	10.0	50.0	10.5	50	MCD70-6 (1)	MCD70-14 (1)	-
MCC70M12	70	50, 70	12	11.3	22.0	14.0	12.0	55.0	13.2	50	MCD70-6 (1)	MCD70-14 (1)	-
MCC70M16	70	50, 70	16	11.3	26.0	18.0	16.0	63.0	17.0	50	MCD70-6 (1)	MCD70-14 (1)	-
MCC95M8	95	70, 95	8	13.5	25.0	9.0	8.0	52.5	8.4	50	MCD95-6 (1)	MCD95-14 (1)	-
MCC95M10	95	70, 95	10	13.5	25.0	11.0	10.0	56.5	10.5	50	MCD95-6 (1)	MCD95-14 (1)	-
MCC95M12	95	70, 95	12	13.5	25.0	14.0	12.0	61.5	13.2	50	MCD95-6 (1)	MCD95-14 (1)	-
MCC120M6*	120	95, 120	8	-	-	-	-	-	6.4	25	MCD120-6 (1)	MCD120-14 (1)	-
MCC120M8	120	95, 120	8	15.2	28.5	9.0	8.0	54.0	8.4	25	MCD120-6 (1)	MCD120-14 (1)	-
MCC120M10	120	95, 120	10	15.2	28.5	11.0	10.0	58.0	10.5	25	MCD120-6 (1)	MCD120-14 (1)	-
MCC120M12	120	95, 120	12	15.2	28.5	14.0	12.0	63.0	13.2	25	MCD120-6 (1)	MCD120-14 (1)	-
MCC120M16	120	95, 120	16	15.2	28.5	18.0	16.0	71.0	17.0	25	MCD120-6 (1)	MCD120-14 (1)	-
MCC150M10	150	120, 150	10	15.2	28.5	18.0	16.0	71.0	17.0	25	MCD150-6 (3)	MCD150-14 (1)	-
MCC150M12	150	120, 150	12	16.7	31.5	16.0	14.0	75.0	13.2	25	MCD150-6 (3)	MCD150-14 (1)	-
MCC150M16	150	120, 150	16	16.7	31.5	19.0	17.0	81.0	17.0	25	MCD150-6 (3)	MCD150-14 (1)	-
MCC185M10	185	150, 185	10	19.2	35.5	13.0	11.0	76.0	10.5	25	MCD185-6 (3)	MCD185-14 (1)	-
MCC185M12	185	150, 185	12	19.2	35.5	16.0	14.0	82.0	13.2	25	MCD185-6 (3)	MCD185-14 (1)	-
MCC185M16	185	150, 185	16	19.2	35.5	19.0	17.0	88.0	17.0	15	MCD185-6 (3)	MCD185-14 (1)	-
MCC240M10	240	185, 240	10	21.1	39.0	13.0	11.0	82.0	10.5	15	MCD240-6 (3)	MCD240-14 (2)	-
MCC240M12	240	185, 240	12	21.1	39.0	16.0	14.0	88.0	13.2	15	MCD240-6 (3)	MCD240-14 (2)	-
MCC240M16	240	185, 240	16	21.1	39.0	19.0	17.0	94.0	17.0	15	MCD240-6 (3)	MCD240-14 (2)	-
MCC300M10	300	240	10	23.7	44.0	13.0	11.0	96.0	10.5	10	-	MCD300-14 (3)	-
MCC300M12	300	240	12	23.7	44.0	16.0	14.0	99.0	13.2	10	-	MCD300-14 (3)	-
MCC300M16	300	240	16	23.7	44.0	19.0	19.0	10.0	17.0	10	-	MCD300-14 (3)	-
MCC400M10*	400	300	10	27.0	51.0	22.0	19.0	113.0	13.2	5	-	MCD400-14 (3)	MCD400-26 (2)
MCC400M12	400	300	12	27.0	51.0	22.0	19.0	113.0	13.2	5	-	MCD400-14 (3)	MCD400-26 (2)
MCC400M16	400	300	16	27.0	51.0	22.0	19.0	113.0	17.0	5	-	MCD400-14 (3)	MCD400-26 (2)
MCC500M10*	500	400	10	-	-	-	-	-	13.2	5	-	-	MCD500-26 (2)
MCC500M12*	500	400	12	-	-	-	-	-	17.0	5	-	-	MCD500-26 (2)
MCC500M16	500	400	16	30.3	56.5	22.0	19.0	117.0	17.0	5	-	-	MCD500-26 (2)
MCC630M16	630	500	16	33.4	61.6	22.0	19.0	128.0	17.0	6	-	-	MCD630-26 (2)
MCC630M20	630	500	20	33.4	61.6	24.0	23.0	134.0	21.0	6	-	-	MCD630-26 (2)
MCC800M16	800	630	16	38.0	72.0	24.0	19.0	141.0	17.0	3	-	-	-
MCC800M20	800	630	20	38.0	72.0	24.0	23.0	145.0	21.0	3	-	-	-
MCC1000M16	1,000	800	16	44.0	80.0	24.0	19.0	158.0	17.0	2	-	-	-
MCC1000M20	1,000	800	20	44.0	80.0	24.0	23.0	162.0	21.0	2	-	-	-

Diagram



\* UL not applicable.

## Compression connectors for copper conductors



### Narrow-tongue metric lugs

Color-Keyed narrow-tongue metric lugs feature a contained tongue width.

Our lugs have been specifically developed for applications with low voltage circuit breakers with reduced space requirements. The tongue width allows a quicker and easier installation.

Color-Keyed narrow-tongue metric lugs are manufactured from electrolytic copper tube.

The specific design of the barrel and dimensions create the best combination of mechanical strength and electrical conductivity.

Color-Keyed narrow-tongue metric lugs are annealed to guarantee optimum ductility and are electrolytically tin-plated to avoid oxidation. The barrel is provided with an internal chamfer for easy insertion of the conductor.

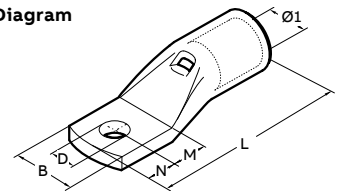
The length allows easy positioning of the dies for proper crimping.



### Narrow-tongue metric lugs

Cat. no.	Cond. size flexible (mm <sup>2</sup> )	Stud (mm)	Dimensions (mm)							Std. pkg.	6-tons TBM62PCR-LI (crimps)	14-tons TBM14CR-LI (crimps)
			Ø1	B	M	N	L	D				
MCCNT10M5	10	5	4.6	9.0	6.5	6.0	26.0	5.3	100	MCD10-6 (1)	MCD10-14 (1)	
MCCNT16M5	16	5	5.8	9.0	6.5	6.0	29.0	5.3	100	MCD16-6 (1)	MCD16-14 (1)	
MCCNT25M5	25	5	7.0	9.0	6.5	6.0	31.5	5.3	100	MCD25-6 (1)	MCD25-14 (1)	
MCCNT35M6	35	6	8.9	11.5	8.0	7.0	36.5	6.4	100	MCD35-6 (2)	MCD35-14 (1)	
MCCNT50M6	50	6	10.0	11.5	8.0	7.0	40.5	6.4	50	MCD50-6 (1)	MCD50-14 (1)	
MCCNT70M6	70	6	11.3	11.5	8.0	7.0	44.0	6.4	50	MCD70-6 (2)	MCD70-14 (1)	
MCCNT95M8	95	8	13.5	15.5	9.0	8.0	52.5	8.0	25	MCD95-6 (1)	MCD95-14 (1)	
MCCNT120M8	120	8	15.2	19.0	14.0	9.0	60.0	8.4	25	MCD120-6 (2)	MCD120-14 (1)	
MCCNT120M10	120	10	15.2	19.0	14.0	9.0	60.0	10.5	25	MCD120-6 (2)	MCD120-14 (1)	
MCCNT150M8	150	8	16.7	19.0	18.0	9.0	70.0	8.4	25	MCD150-6 (3)	MCD150-14 (1)	
MCCNT150M10	150	10	16.7	19.0	18.0	9.0	70.0	10.5	25	MCD150-6 (3)	MCD150-14 (1)	
MCCNT185M10	185	10	19.2	24.5	18.0	9.0	77.0	10.5	25	MCD185-6 (3)	MCD185-14 (1)	
MCCNT240M10	240	10	21.1	31.0	13.0	9.0	80.0	10.5	15	MCD240-6 (3)	MCD240-14 (1)	
MCCNT240M12	240	12	21.1	31.0	16.0	12.0	86.0	13.2	15	MCD240-6 (3)	MCD240-14 (1)	
MCCNT240M16	240	16	21.1	31.0	19.0	17.0	94.0	17.0	15	MCD240-6 (3)	MCD240-14 (1)	
MCCNT300M12	300	12	23.7	31.0	16.0	12.0	95.0	13.2	10	-	MCD300-14 (3)	

Diagram



## Compression connectors for copper conductors



### Two-way metric splice connectors

Color-Keyed metric splice connectors are designed for joining low voltage conductors.

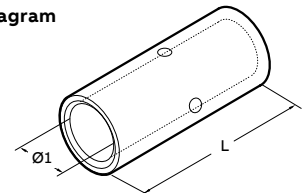
Made of electrolytic copper tube having similar dimensions to the Color-Keyed metric lugs, these connectors are also annealed and electrolytically tin-plated.

They feature an internal chamfer at both ends. For easy insertion of the conductor, a center stop is provided to ensure correct positioning.

### Two-way metric splice connectors

Cat. no.	Cond. size (mm <sup>2</sup> )		Dimensions (mm)		Std. pkg.	6-tons TBM62PCR-LI (crimps)	14-tons TBM14CR-LI (crimps)	26-tons TBM26MCC (crimps)
	Low stranded	Flexible	Ø1	L				
MCST1	0.25 ÷ 1.5	0.25 ÷ 1.5	1.8	15	100	-	-	-
MCST2	1.5 ÷ 2.5	1.5 ÷ 2.5	2.4	15	100	-	-	-
MCST6	4 ÷ 6	4 ÷ 6	3.6	22	100	MCD6-6 (1 +1)	-	-
MCST10	10	10	4.6	25	100	MCD10-6 (1 +1)	MCD10-14 (1 +1)	-
MCST16	16	16	5.8	27	100	MCD16-6 (1 +1)	MCD16-14 (1 +1)	-
MCST25	25	25	7.0	29	100	MCD25-6 (1 +1)	MCD25-14 (1 +1)	-
MCST35	35	25 ÷ 35	8.9	332	100	MCD35-6 (1 +1)	MCD35-14 (1 +1)	-
MCST50	50	35 ÷ 50	10.0	37	50	MCD50-6 (2 +2)	MCD50-14 (1 +1)	-
MCST70	70	50 ÷ 70	11.3	39	50	MCD70-6 (2 +2)	MCD70-14 (1 +1)	-
MCST95	95	70 ÷ 95	13.5	43	25	MCD95-6 (2 +2)	MCD95-14 (1 +1)	-
MCST120	120	95 ÷ 120	15.2	47	25	MCD120-6 (2 +2)	MCD120-14 (1 +1)	-
MCST150	150	120 ÷ 150	16.7	58	25	MCD150-6 (3 +3)	MCD150-14 (1 +1)	-
MCST185	185	150 ÷ 85	19.2	64	25	MCD185-6 (3 +3)	MCD185-14 (1 +1)	-
MCST240	240	185 ÷ 240	21.1	75	15	MCD240-6 (3 +3)	MCD240-14 (2 +2)	-
MCST300	300	240	23.7	90	10	-	MCD300-14 (3 +3)	-
MCST400	400	300	27.0	94	5	-	MCD400-14 (3 +3)	MCD400-26 (2 +2)
MCST500	500	400	30.3	98	6	-	-	MCD500-26 (2 +2)
MCST630	600 ÷ 630	500	33.4	105	6	-	-	MCD630-26 (2 +2)
MCST800	800	600	38.0	112	3	-	-	-
MCST1000	1,000	800	44.0	120	3	-	-	-

Diagram



## Compression connectors for copper conductors



**Material** – High conductivity wrought copper

**Finish** – Electro tin plated

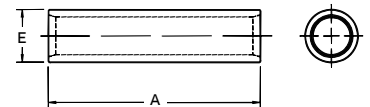
Two-way connectors provide high pullout values, are easy to insulate and provide a low-resistance connection of high quality and low installed cost.



Two-way splice connectors – Standard barrel certified to 600 V and recommended up to 35 kV<sup>†</sup>

Cat. no.	Code cable (AWG or kcmil)	Wire size Flex cable classes G, H, I, K, M*	Dimensions in. (mm)		Die set cat. no.	Colour code
			A	E		
54504	#8	#8 AWG, 37/24, #8 Weld	1.00 (25.4)	0.27 (6.9)	21	Red
54505	#6	#6 AWG, 61/24, #6 Weld, 133/0.014	1.00 (25.4)	0.30 (7.6)	24	Blue
54506	#4	#4 AWG, 91/24, 133/0.0177, 49/0.029	1.00 (25.4)	0.37 (9.4)	29	Grey
54507	#2	125/24, #4 Weld	1.25 (31.8)	0.41 (10.4)	33	Brown
54508	#1	#2 AWG, 150/24, 175/24, #2 Weld, 133/0.0223	1.50 (38.1)	0.47 (11.9)	37	Green
54509	1/0	225/24, #1 Weld, 133/0.0254	1.63 (41.4)	0.52 (13.2)	42	Pink
54510	2/0	1/0 AWG, 275/24, 1/0 Weld, 427/0.0155, 133/0.0282	1.75 (44.5)	0.57 (14.5)	45	Black
54511	3/0	2/0 AWG, 325/24, 2/0 Weld, 133/0.0316, 259/0.0227, 427/0.0177	1.75 (44.5)	0.63 (16.0)	50	Orange
53962	–	375/24, 179 kcmil, 133/0.0355, 259/0.0255, 427/0.0199	1.81 (46.0)	0.70 (17.8)	50	Orange
54512	4/0	3/0 AWG, 450/24, 3/0 Weld, 703/0.0154	1.88 (47.8)	0.70 (17.8)	54	Purple
54513	250	4/0 AWG, 550/24, 4/0 Weld, 133/0.0399, 259/0.0286, 637/0.0183	2.25 (57.2)	0.77 (19.6)	62	Yellow
53964	–	4/0 AWG, 550/24, 4/0 Weld, 133/0.0399, 259/0.0286, 637/0.0183	2.13 (54.1)	0.79 (20.1)	62	Yellow
54514	300	–	2.13 (54.1)	0.83 (21.1)	66	White
54515	350	–	2.25 (57.2)	0.90 (22.9)	71	Red
54516	400	–	2.75 (69.9)	0.93 (23.6)	76	Blue
53968	–	300 kcmil, 775/24 (313 kcmil)	3.00 (76.2)	1.13 (28.7)	87	Brown
54518	500	–	2.75 (69.9)	1.11 (28.2)	87	Brown
54520	600	–	3.00 (76.2)	1.18 (30.0)	94	Green
54522-TB	700	–	3.25 (82.6)	1.23 (31.2)	99	Pink
53969	–	1325/24 = 500/535 kcmil, 427/0.0342	3.00 (76.2)	1.24 (31.5)	99	Pink
54523-TB	750	–	3.00 (76.2)	1.30 (33.0)	106	Black
54528	1,000	–	3.63 (92.2)	1.50 (38.1)	125	–
54530	1,250	–	4.13 (104.9)	1.67 (42.4)	140	–

Diagram



<sup>†</sup> For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

\*Consult your regional sales office for complete list of flex cable class sizes M.

For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors



**Material** – High conductivity wrought copper  
**Finish** – Electro tin plated



Two-way splice connectors – Long barrel certified to 600 V and recommended up to 35 kV\*

Cat. no.	Code cable (AWG or kcmil)	Wire size Flex cable classes G, H, I, K, M	Dimensions in. (mm)		Die code	Colour code
			A	E		
54804	#8	#8, 37/24 = 14.9 kcmil	1.75 (44.5)	0.27 (6.9)	21	Red
54805	#6	#6, 61/24 = 24.6 kcmil	1.75 (44.5)	0.31 (7.9)	24	Blue
54806	#4	#4, 91/24 = 36.7 kcmil	1.75 (44.5)	0.39 (9.9)	29	Grey
54807	#2	125/24 = 50.4 kcmil	1.88 (47.8)	0.43 (11.0)	33	Brown
54808	#1	#2, 150/24 = 60.5 kcmil, 175/24 = 70.6 kcmil	2.00 (50.8)	0.49 (12.4)	37	Green
54809	1/0	225/24 = 90.8 kcmil	2.00 (50.8)	0.54 (13.7)	42	Pink
54810	2/0	1/0, 275/24 = 111 kcmil	2.13 (54.1)	0.59 (15.0)	45	Black
54811	3/0	2/0, 325/24 = 131 kcmil	2.25 (57.2)	0.65 (16.5)	50	Orange
54812	4/0	450/24 = 182 kcmil	2.75 (69.9)	0.72 (18.3)	54	Purple
54813	250	4/0, 550/24 = 222 kcmil	3.38 (85.9)	0.79 (20.1)	62	Yellow
54814	300	250, 650/24 = 262 kcmil	3.50 (88.9)	0.87 (22.1)	66	White
54815	350	-	3.75 (95.3)	0.95 (24.1)	71	Red
54816	400	775/24 = 313 kcmil	3.75 (95.3)	0.98 (24.9)	76	Blue
54818	500	350, 925/24 = 373 kcmil	4.75 (120.6)	1.11 (28.2)	87	Brown
54820	600	1,100/24 = 444 kcmil	4.25 (108.0)	1.21 (30.7)	94	Green
54823	750	500, 1,325/24 = 535 kcmil	4.75 (120.6)	1.34 (34.0)	106	Black
58524	750	1,600/24 = 646 kcmil	5.00 (127.0)	1.39 (35.3)	106	Black
58526*	900	750, 1,925/24 = 777 kcmil	5.50 (139.7)	1.51 (38.4)	115	Yellow
54828	1,000	-	5.63 (143.0)	1.56 (39.6)	125	-
54833	1,500	-	5.63 (143.0)	1.56 (39.6)	125	-
54839	2,000	-	7.06 (179.3)	2.13 (54.1)	-	-

Diagram



\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.  
 For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.  
 CSA approved standard cable only.



## Compression connectors for copper conductors

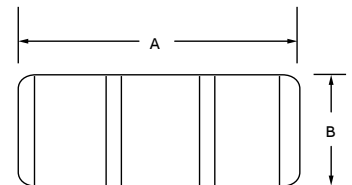


Copper two-way splice – Certified to 600 V and recommended up to 15 kV

Cat. no.	Cable size (AWG or kcmil)**	Dimensions in. (mm)		Die set Cat. no.	Strip length (in.)	Colour code
		A	B			
54006-TB	#4	2.00 (50.8)	0.37 (9.4)	15CA29R	1½	Grey
54007-TB	#2	2.13 (54.1)	0.41 (10.4)	15CA33R	1⅝	Brown
54008-TB	#1	2.25 (57.2)	0.47 (11.9)	15CA37R	1⅝	Green
54009-TB	1/0	2.38 (60.5)	0.52 (13.2)	15CA42R	1¾	Pink
54010	2/0	2.38 (60.5)	0.57 (14.5)	15CA45R	1¾	Black
54011	3/0	2.63 (66.8)	0.63 (16.0)	15CA49R	1 <sup>13</sup> / <sub>16</sub>	Orange
54012-TB	4/0	2.69 (68.3)	0.69 (17.5)	15CA54R	1 <sup>13</sup> / <sub>16</sub>	Purple
54013	250	3.19 (81.0)	0.74 (18.8)	15CA60R	2⅛	Ruby
54015	350	4.13 (104.9)	0.89 (22.6)	15CA71R	2⅝	Red
54018	500	4.13 (104.9)	1.06 (40.6)	15CA87R	2⅝	Brown
54023	750	4.75 (120.7)	1.30 (33.0)	15CA106R	2⅞	Black

Installing tools 14 and 15-tons\*

Diagram



\*Cat. no. 15505-TB die adaptor required for TBM151.

\*\* Cable size: Concentric and compact strandings.

For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.



Material – Cast copper

Finish – Electro tin plated



Cast-copper two-way splice connectors – heavy-duty certified to 600 V and recommended up to 35 kV<sup>†</sup>

Cat. no.	Cable size (AWG or kcmil)	Die code
53504	#8	29
53505	#6	29
53506	#4	29
53507	#2	45
53508	#1	45
53509	1/0	45
53510	2/0	66
53511	3/0	66
53512	4/0	66
53513	250	76
53515	350	99
53518	500	99
53523	750	112

<sup>†</sup> For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

Use hydraulic tools with hex dies 13642M, 13400 and 21940.

For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.

## Compression connectors for copper conductors

Constant O.D. enables faster, easier installation than contoured design



### Cast-copper reducing splices

ABB takes the splicing of different-sized conductors to a new level of economy and efficiency with Color-Keyed cast-copper reducing splices. In addition to a lower cost, the key benefit to these splices is in their constant outer diameter. Unlike screw-machined, externally contoured splices, cast-copper reducing splices require no change of tool or die between crimping each end. Just slide each wire easily into the chamfered barrel and use the same Color-Keyed tool and die to crimp both ends. The consistent O.D. also makes these splices faster and easier to insulate with clear heat-shrink wrap than a contoured splice. Sand-cast construction ensures high-tensile strength for heavy-duty applications and tin-plated copper material provides high conductivity and superior corrosion resistance.

- Ideal for telecom (inside office/outside plant), commercial, industrial MRO and any other certified to 600 V and recommended up to 35 kV<sup>†</sup> applications requiring splicing of different-sized conductors.
- Tin-plated, sand-cast copper construction provides superior tensile strength, high conductivity and excellent corrosion resistance.
- Easier to install and insulate than screw-machined, contour-designed reducing splices.
- Constant O.D. saves time on installation by eliminating the need for crimp-tool/die change.
- Fast and simple to insulate with clear or coloured heat-shrink wrap.
- Chamfered barrel facilitates easy wire insertion.
- Compact, low-profile design takes up minimal space in cable tray or wire run.
- Simple installation with Color-Keyed crimp tools (12, 14 and 15 ton).



### Cast-copper reducing splices

Cat. No.	Cond. 1 size (AWG or kcmil)	Cond. 2 size (AWG or kcmil)	Length in. (mm)	Dia. in. (mm)	Die Code	Colour Code
251-30485-19	4/0 Str.	2 Str.	2.25 (57.2)	0.81 (20.6)	66	White
251-30485-91	500 kcmil Str.	300 kcmil Str.	3.31 (84.1)	0.81 (20.6)	99	Pink
251-30485-229	2/0 Str.	250 kcmil Str.	2.38 (60.5)	0.93 (23.6)	76	Blue
251-30485-247	2 Str.	8 Str.	0.56 (14.2)	0.59 (15.0)	45	Black
251-30485-294	4 Str.	2/0 Str.	2.25 (57.2)	0.84 (21.3)	66	White
251-30485-295	4/0 Str.	4 Str.	2.25 (57.2)	0.81 (20.6)	66	White
251-30485-331	4/0 Str.	350 kcmil Str.	3.31 (84.1)	0.53 (13.5)	99	Pink
251-30485-445	4/0 Str.	2/0 Str.	2.25 (57.2)	0.81 (20.6)	66	White
251-30485-495	1/0 Str.	2 Str.	1.56 (39.6)	0.59 (15.0)	45	Black
251-30485-610	6 Str.	8 Str.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-611	4 Str.	8 Str.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-612	4 Str.	6 Str.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-613	2 Str.	6 Str.	1.56 (39.6)	0.59 (15.0)	45	Black
251-30485-640	4/0 Str.	1/0 Str.	2.25 (57.2)	0.81 (20.6)	66	White
251-30485-653	2 Str.	250 kcmil Str.	2.38 (60.5)	0.93 (23.6)	76	Blue
251-30485-739	1/0 Str.	250 kcmil Str.	2.38 (60.5)	0.93 (23.6)	76	Blue
251-30485-882	400 kcmil Str.	350 kcmil Str.	3.31 (84.1)	0.53 (13.5)	99	Pink
251-30485-950	1/0 Str.	6 Str.	1.56 (39.6)	0.59 (15.0)	45	Black
251-30485-951	6 Str.	2/0 Str.	2.25 (57.2)	0.84 (21.3)	66	White
251-30485-1027	1/0 Str.	4 Str.	1.56 (39.6)	0.59 (15.0)	45	Black
251-30485-1029	1/0 Str.	#12 Str.	1.56 (39.6)	0.57 (14.5)	45	Black
251-30485-1030	10 Str.	4 Str.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1031	12 Str.	4 Str.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1032	#6 Str.	#10 Str.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1033	12 Str.	6 Str.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1034	14 Str.	8 Str.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1035	1 Str.	1/0 Str.	1.56 (39.6)	0.59 (15.0)	45	Black
251-30485-1044	10 Str.	8 Str.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1045	12 Str.	8 Str.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1085	10 Str.	1/0 Str.	1.56 (39.6)	0.59 (15.0)	45	Black
251-30485-1086	10 Str.	2/0 Str.	2.25 (57.2)	0.84 (21.3)	66	White
251-30485-1087	4 Str.	250 kcmil Str.	2.38 (60.5)	0.93 (23.6)	76	Blue
251-30485-1088	400 kcmil Str.	250 kcmil Str.	3.31 (84.1)	0.53 (13.5)	99	Pink
251-30485-1089	14 Str.	8 Sol.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1090	12 Str.	8 Sol.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1091	10 Str.	8 Sol.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1092	12 Str.	6 Sol.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1093	8 Str.	6 Sol.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1094	4 Str.	6 Sol.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1095	2 Str.	6 Sol.	1.56 (39.6)	0.59 (15.0)	45	Black
251-30485-1096	12 Str.	4 Sol.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1097	10 Str.	4 Sol.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1098	8 Str.	4 Sol.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1099	6 Str.	4 Sol.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1100	1/0 Str.	4 Sol.	1.56 (39.6)	0.59 (15.0)	45	Black
251-30485-1130	Cast Copper*	12-4 Str.	1.28 (32.5)	0.38 (9.7)	29	Black
251-30485-1245	1/0 Flex	#4 Flex	2.25 (57.2)	0.81 (20.6)	66	White
251-30485-1246	#4 Flex	#8 Flex	1.56 (39.6)	0.57 (14.5)	45	Black

<sup>†</sup> For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

\* Cast copper – field-modifiable special.