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CADWELD® Connections	Application	Mold Part No.	Description	Welding Material Part No.
	"SS" Style;	SST1T	#2 solid cable to #2 solid cable; horizontal straight splice (clamp included)	32PLUSF20 or #32
	Spliced horizontal	SST1V	#2 stranded cable to #2 stranded cable; horizontal straight splice (clamp included)	32PLUSF20 or #32
	connection; straight; end	SSC2G	2/0 stranded cable to 2/0 stranded cable; horizontal straight splice	65PLUSF20 or #65
SS	to end	SSC2Q	4/0 stranded cable to 4/0 stranded cable; horizontal straight splice	90PLUSF20 or #90
	"PT" Style;	PTC1T1T	#2 solid cable to #2 solid cable; horizontal parallel splice	65PLUSF20 or #65
	Parallel through	PTC1V1V	#2 stranded cable to #2 stranded cable; horizontal parallel splice	65PLUSF20 or #65
	connection of horizontal	PTC2G2G	2/0 stranded cable to 2/0 stranded cable; horizontal parallel splice	115PLUSF20 or #115
PT	cables	PTC2Q2Q	4/0 stranded cable to 4/0 stranded cable; horizontal parallel splice	200PLUSF20 or #200
	#TA# 61 1	TAC1T1T	#2 solid cable to #2 solid cable; horizontal tee splice	45PLUSF20 or #45
	"TA" Style; Tee	TAC1V1V	#2 stranded cable to #2 stranded cable; horizontal tee splice	45PLUSF20 or #45
	of horizontal	TAC2G2G	2/0 stranded cable to 2/0 stranded cable; horizontal tee splice	90PLUSF20 or #90
TA	cables	TAC2Q2Q	4/0 stranded cable to 4/0 stranded cable; horizontal tee splice	150PLUSF20 or #150
		VSC1TV3C	#2 solid cable to vertical steel pipes of 1.5" to 4" diameters; cable at 45° to surface	45PLUSF20 or #45
	"VS" Style: Cable	VSC1TV5C	#2 solid cable to vertical steel pipes of 4" to 6" diameters; cable at 45° to surface	45PLUSF20 or #45
		VSC1VV3C	#2 stranded cable to vertical steel pipes of 1.5" to 4" diameters; cable at 45° to surface	45PLUSF20 or #45
	connection down at	VSC1VV5C	#2 stranded cable to vertical steel pipes of 4" to 6" diameters; cable at 45° to surface	45PLUSF20 or #45
	45° angle to vertical steel	VSC2GV3C	2/0 stranded cable to vertical steel pipes of 2" to 4" diameters; cable at 45° to surface	90PLUSF20 or #90
VS	surface	VSC2GV5C	2/0 stranded cable to vertical steel pipes of 4" to 6" diameters; cable at 45° to surface	90PLUSF20 or #90
		B160V	Chain support for "VS" style molds	
	"HA" & "HS" Style;	HAA1T	#2 solid cable to flat horizontal steel surface (clamp included)	45PLUSF20 or #45
НА	cable connections	HAA1V	#2 stranded cable to flat horizontal steel surface (clamp included)	45PLUSF20 or #45
	to flat horizontal	HSC2G	2/0 stranded cable to flat horizontal steel surface	90PLUSF20 or #90
HS – Cable off surface	steel surface	HSC2Q	4/0 stranded cable to flat horizontal steel surface	115PLUSF20 or #115
		GRC161T	#2 solid cable to top of nominal 5/8" copper-bonded ground rod	65PLUSF20 or #65
		GRC161V	#2 stranded cable to top of nominal 5/8" copper-bonded ground rod	65PLUSF20 or #65
		GRC162G	2/0 stranded cable to top of nominal 5/8" copper-bonded ground rod	90PLUSF20 or #90
Lallo	"GR"Style; cable	GRC162Q	4/0 stranded cable to top of nominal 5/8" copper-bonded ground rod	90PLUSF20 or #90
	connection to top of	GRC181T	#2 solid cable to top of nominal 3/4" copper-bonded ground rod	90PLUSF20 or #90
	ground rod	GRC181V	#2 stranded cable to top of nominal 3/4" copper-bonded ground rod	90PLUSF20 or #90
GR		GRC182G	2/0 stranded cable to top of nominal 3/4" copper-bonded ground rod	90PLUSF20 or #90
		GRC182Q	4/0 stranded cable to top of nominal 3/4" copper-bonded ground rod	90PLUSF20 or #90



CADWELD® Connections	Application	Mold Part No.	Description	Welding Material Part No.
		GTC161T	#2 solid through cable to top of nominal 5/8" copper-bonded ground rod	65PLUSF20 or #65
		GTC161V	#2 stranded through cable to top of nominal 5/8" copper-bonded ground rod	65PLUSF20 or #65
	"GT"Style;	GTC162G	2/0 stranded through cable to top of nominal 5/8" copper-bonded ground rod	90PLUSF20 or #90
	through cable	GTC162Q	4/0 stranded through cable to top of nominal 5/8" copper-bonded ground rod	90PLUSF20 or #90
	connection to top of	GTC181T	#2 solid through cable to top of nominal 3/4" copper-bonded ground rod	90PLUSF20 or #90
	ground rod	GTC181V	#2 stranded through cable to top of nominal 3/4" copper-bonded ground rod	90PLUSF20 or #90
GT		GTC182G	2/0 stranded through cable to top of nominal 3/4" copper-bonded ground rod	90PLUSF20 or #90
		GTC182Q	4/0 stranded through cable to top of nominal 3/4" copper-bonded ground rod	90PLUSF20 or #90
	"LJ" Style;	LJCEG1T	#2 solid cable to edge of 1/4" thick by 1-1/2" and wider copper bar	65PLUSF20 or #65
	cable connection	LJCEG1V	#2 stranded cable to edge of 1/4" thick by 1-1/2" and wider copper bar	65PLUSF20 or #65
	to edge of	LJGEG2G	2/0 stranded cable to edge of 1/4" thick by 1-1/2" and wider copper bar	90PLUSF20 or #90
LJ	busbar	LJCEG2Q	4/0 stranded cable to edge of 1/4" thick by 1-1/2" and wider copper bar	90PLUSF20 or #90

Accessories	Part No.	Description
	L160	Handle Clamp
	PLUSCU	Control unit for igniting CADWELD® PLUS
8	Т320	Flint ignitor
	T313	Wire cleaning brush
	T394	Mold cleaning brush



Telecom Lugs	Part Number	Thickness A	Width B	Length C	Centers D	E	Bolt Size F			
F → E ←		One Hole Upturn Lug								
₩ B	B921CC14	.125	.63	.875	N/A	.375	1/4"			
rA ←	B921CC38	.125	.63	.875	N/A	.375	3/8″			
← D → E ←	Two Hole Upturn Lug									
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	B922CC14A	.125	.63	1.88	.625	.375	1/4"			
	B922CC14B	.125	.63	1.88	.75	.375	1/4"			
C ————————————————————————————————————	B922CC14C	.125	.63	1.88	1	.375	1/4"			
rA ←	B922CC38B	.125	.63	1.88	.75	.375	3/8"			
	B922CC38C	.125	.63	1.88	1	.375	3/8"			

Note: All CADWELD lugs are electrotin plated copper alloy.

Telecom Lugs — Sleeve Requirements								
Conductor Size(s) Sleeve No. Quantity per Package								
#6	N/A	B112	25					
#4	#4	B1331V	25					
N/A	#2	S429F1N12	25					
#2	N/A	No Sleeve Required	N/A					



Ordering Information

CADWELD Telecom Mold Part No. is GLPCC001TC and includes B399B Mini EZ change handle clamp and T320 flint ignitor. CADWELD weld metal size #25 works for all 7 lug sizes.

Grounding Accessories	Application	Part No.	Description				
		613852	Copper-bonded ground rod 3/8" x 5', 3 mils of copper				
		6138529	Copper-bonded ground rod 3/8" x 5', 3 mils of copper, 18" #10 AWG pigtail				
		611350	Copper-bonded ground rod 1/2" x 5', 10 mils of copper				
		611360	Copper-bonded ground rod 1/2" x 6', 10 mils of copper				
	ERICO ground rods and couplers	611380	Copper-bonded ground rod 1/2" x 8', 10 mils of copper				
	are used for	615880	Copper-bonded ground rod 5/8" x 8', 10 mils of copper				
	vertical driving or drilled	615800	Copper-bonded ground rod 5/8" x 10', 10 mils of copper				
	applications						
		615883	Copper-bonded ground rod 5/8" x 8', 13 mils of copper				
DUL		613400	Copper-bonded ground rod 3/4" x 10', 10 mils of copper				
		CC12F	Compression coupler for 1/2" ground rod				
		CC58	Compression coupler for 5/8" ground rod				
		CP58	Silican bronze ground rod clamp, 1/2" – 5/8" ground rods, #10 solid – #2 stranded wire				
	ERITECH ground rod clamps	CP34	Silican Bronze Ground Rod Clamp, 1/2" – 3/4" ground rods, #10 Solid – #1/0 Stranded Wire				
		SP58	Stainless Steel Ground Rod Clamp, 1/2" – 5/8" ground rods, #10 solid – #2 stranded wire				
		Bare Copper Ground Bar Assembly					
		EGBA1426SS	Ground Bar Assembly 1/4" x 2" x 6" SS Hole Pattern				
		EGBA14210SS	Ground Bar Assembly 1/4" x 2" x 10" SS Hole Pattern				
		EGBA14212SS	Ground Bar Assembly 1/4" x 2" x 12" SS Hole Pattern				
→ l→ 3/4		EGBA14214SS	Ground Bar Assembly 1/4" x 2" x 14" SS Hole Pattern				
		EGBA1446QQ	Ground Bar Assembly 1/4" x 4" x 6" QQ Hole Pattern				
(a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c		EGBA14412QQ	Ground Bar Assembly 1/4" x 4" x 12" QQ Hole Pattern				
		EGBA14414QQ	Ground Bar Assembly 1/4" x 4" x 14" QQ Hole Pattern				
Pattern "SS"	ERICO bare and	EGBA14420QQ	Ground Bar Assembly 1/4" x 4" x 20" QQ Hole Pattern				
	tinned copper ground bars with	EGBA14424QQ	Ground Bar Assembly 1/4" x 4" x 24" QQ Hole Pattern				
	insulators and		Tinned Copper Ground Bar Assembly				
	bracket	EGBA1426SST	Ground Bar Assembly 1/4" x 2" x 6" SS Hole Pattern, Tinned Copper				
		EGBA14212SST	Ground Bar Assembly 1/4" x 2" x 12" SS Hole Pattern, Tinned Copper				
000000000000000000000000000000000000000		EGBA14214SST	Ground Bar Assembly 1/4" x 2" x 14" SS Hole Pattern, Tinned Copper				
000000000000000000000000000000000000000		EGBA14219SST	Ground Bar Assembly 1/4" x 2" x 19" SS Hole Pattern, Tinned Copper				
		EGBA1446QQT	Ground Bar Assembly 1/4" x 4" x 6" QQ Hole Pattern, Tinned Copper				
Pattern "QQ"		EGBA14412QQT	Ground Bar Assembly 1/4" x 4" x 12" QQ Hole Pattern, Tinned Copper				
		EGBA14414QQT	Ground Bar Assembly 1/4" x 4" x 14" QQ Hole Pattern, Tinned Copper				
		EGBA14420QQT	Ground Bar Assembly 1/4" x 4" x 20" QQ Hole Pattern, Tinned Copper				
	ERICO jumpers are used to bond	FJ1T24	Ground Bar Assembly 1/4" x 4" x 24" QQ Hole Pattern, Tinned Copper #2 Solid wire, 24"				
CADWELD® Connection Type VB	fence posts and gates	FJ2G24	2/0 Stranded wire, 24"				



Tinned Bronze Fence Clamps	Application	Part No.	Pipe Size (in)	Conductor Size (AWG)	Conductor Size (mm²)	Pipe Size (mm)
		Single Hole				
111		FC073 1-1/2 4 Solid – 2/0 Stranded		4 Solid – 2/0 Stranded	16 – 70 Stranded	40
		FC074	1-1/2	2/0 Solid – 250 MCM Stranded	50 – 120 Stranded	40
		FC075	2	4 Solid – 2/0 Stranded	16 – 70 Stranded	50
	Fence clamps are used to connect ground	FC076	2	2/0 Solid – 250 MCM Stranded	50 – 120 Stranded	50
		FC078	2-1/2	2/0 Solid – 250 MCM Stranded	16 – 120 Stranded	65
A Y		FC079	3	4 Solid – 2/0 Stranded	16 – 70 Stranded	80
	wire to	FC080	3	2/0 Solid – 250 MCM Stranded	50 – 120 Stranded	80
(C.FC-076	fence posts	FC082	3-1/2	4 Solid – 2/0 Stranded	16 – 120 Stranded	90
		Dual Hole				
		FC076 DH	2	2 x 2/0 Solid – 250 MCM Stranded	50 – 120 Stranded	50
		FC078 DH	2-1/2	2 x 2/0 Solid – 250 MCM Stranded	16 – 120 Stranded	65
		FC082 DH	3-1/2	2 x 4 Solid – 2/0 Stranded	16 – 120 Stranded	90

Ground Bus Assemblies	Application	Part No.	Description												
	ERICO theft deterrent ground assembly (TDSGA) is an alternative to copper ground bars	deterrent ground assembly (TDSGA) is	TDSGAU14	Bar Assembly, Ground Bus, Universal Mount											
See			deterrent ground assembly (TDSGA) is											TDSGAPA14	Bar Assembly, Ground Bus, Through Pole/Post Mount
A CONTRACTOR OF THE PARTY OF TH				TDSGAWB17	Bar Assembly, Ground Bus, Wall Bracket Mount										
3 购货 医		TDSGABC14	Bar Assembly, Ground Bus, Beam Clamp Mount												
		TDSGAPC14	Bar Assembly, Ground Bus, Pole/Post Clamp Mount												



Theft Deterrent Composite Cable	Application	Global Part No. (Reel)	Stranding	Resistance	Outside Diameter	Fusing Capacity Equivalency	Standard Packaging Quantity	Weight*
	Theft deterrent composite cables are bare or insulated concentric	CC5A04	(1) tinned copper, (6) galvanized steel	0.485 Ω/ 1,000 ft; 1.499 Ω/km	0.330 in (0.838 cm)	112% of 4 AWG (100% of 16 mm²)	250 ft (76.2 m)	57 lbs (25.85 kg)
CCSA04 CCSA05	stranded conductors that consist of peripheral galvanized steel stranding,	CC5A05	(3) tinned copper, (16) galvanized steel	0.457 Ω/ 1,000 ft; 1.591 Ω/km	0.334 in (0.848 cm)	113% of 4 AWG (100% of 16 mm²)	250 ft (76.2 m)	58 lbs (26.31 kg)
CCSA20 CCSA20INS	which conceals and helps protect the internal tinned copper strands.	CC5A20	(133) tinned copper, (21) galvanized steel	0.098 Ω/ 1,000 ft; 0.320 Ω/km	0.526 in (1.336 cm)	100% of 2/0 AWG (> 50 mm²)	200 ft (61.0 m)	109 lbs (49.44 kg)

^{*}Weight does not include reel.

CADWELD® Connection	Theft Deterrent Conductor Size	Weld	CADWELD [®] Mold	Ground Rod or Lug	Welding Material
~	CC5A04 or CC5A05		SSCS1		32PLUSF20 or #32
	CC5A20	"SS"	SSCS5		90PLUSF20 or #90
	CC5A30	Style	SSCS6		115PLUSF20 or #115
	CC5A40		SSCS7		150PLUSF20 or #150
	CC5A04 or CC5A05		GRC16S1	Nominal 5/8" copper-bonded	65PLUSF20 or #65
	CC5A20		GRC16S5	Nominal 5/8" copper-bonded	90PLUSF20 or #90
	CC5A30		GRC16S6	Nominal 5/8" copper-bonded	90PLUSF20 or #90
182	CC5A40	"GR"	GRC16S7	Nominal 5/8" copper-bonded	115PLUSF20 or #115
	CC5A04 or CC5A05	Style	GRC18S1	Nominal 3/4" copper-bonded	90PLUSF20 or #90
	CC5A20		GRC18S5	Nominal 3/4" copper-bonded	90PLUSF20 or #90
	CC5A30		GRC18S6	Nominal 3/4" copper-bonded	90PLUSF20 or #90
	CC5A40		GRC18S7	Nominal 3/4" copper-bonded	115PLUSF20 or #115
	CC5A04 or CC5A05		GTC16S1	Nominal 5/8" copper-bonded	90PLUSF20 or #90
	CC5A20		GTC16S5	Nominal 5/8" copper-bonded	115PLUSF20 or #115
	CC5A30		GTC16S6	Nominal 5/8" copper-bonded	150PLUSF20 or #150
	CC5A40	"GT"	GTC16S7	Nominal 5/8" copper-bonded	200PLUSF20 or #200
	CC5A04 or CC5A05	Style	GTC18S1	Nominal 3/4" copper-bonded	90PLUSF20 or #90
	CC5A20		GTC18S5	Nominal 3/4" copper-bonded	115PLUSF20 or #115
	CC5A30		GTC18S6	Nominal 3/4" copper-bonded	150PLUSF20 or #150
	CC5A40		GTC18S7	Nominal 3/4" copper-bonded	200PLUSF20 or #200
^	CC5A04 or CC5A05		GLCCES1	B121CE or B122CE	32PLUSF20 or #32
	CC5A20	"GL"	GLCCES5	B121CE or B122CE	45PLUSF20 or #45
	CC5A30	Style	GLCCES6	B121CE or B122CE	65PLUSF20 or #65
	CC5A40		GLCCES7	B121DE or B122DE	65PLUSF20 or #65
^	CC5A04 or CC5A05		LACS1CE	B101CEOL or B102CEOL	45PLUSF20 or #45
	CC5A20	"LA"	LACS5CE	B101CEOL or B102CEOL	65PLUSF20 or #65
	CC5A30	Style	LACS6CE	B101CEOL or B102CEOL	65PLUSF20 or #65
	CC5A40		LACS7DE	B101DEOL or B102DEOL	90PLUSF20 or #90

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