

Ground Connectors

All Copper Alloy — Specification Grade

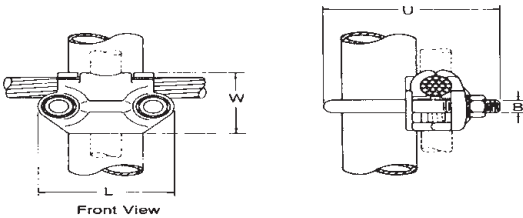
NEC/CEC:
Listed for Ordinary Locations

Applications

- For cable connection parallel or at right angles to pipe or rod.

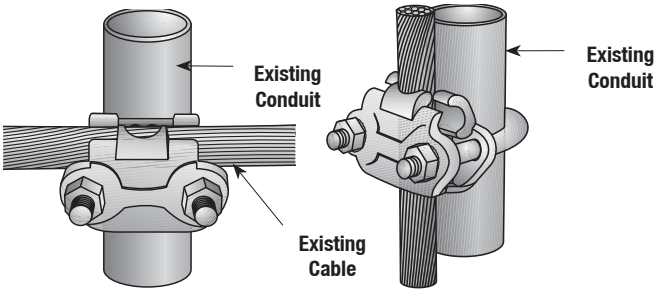
Features

- A high strength corrosion-resistant copper alloy ground connector connecting a ground wire either parallel or at right angles to a ground rod or pipe.
- A positive ground is assured by the clamping pressure that can be applied by the high strength silicon bronze U-bolt, nuts and lock washers.
- Type ABG connectors are suitable for direct burial.
- For ground pipe larger than 1 1/2" use Type CG Ground Connector.



NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E-24264
- CSA Standard : C22.2 No. 41
- CSA Certified: 015978
- Nema: FB-1



Type ABG at Right Angles

Type ABG Parallel

Driven (In.)		Conductor Range AWG/kcmil		Dimensions in Millimeters (Inches)				Catalog Number
Ground Rod Size	Ground Pipe Size	Min.	Max.	L	W	U	B	
5/8 or 3/4	3/8	8	4	50.8 (2.00)	33.3 (1.31)	54.1 (2.13)	9.7 (0.38)	ABG-0304
5/8 or 3/4	3/8	4	2/0	50.8 (2.00)	38.1 (1.50)	60.5 (2.38)	9.7 (0.38)	ABG-0322
5/8 or 3/4	3/8	2/0	250	50.8 (2.00)	47.8 (1.88)	66.8 (2.63)	9.7 (0.38)	ABG-0325
1	1/2 or 3/4	2/0	250	57.2 (2.25)	47.8 (1.88)	76.2 (3.00)	9.7 (0.38)	ABG-0725
-	1	8	4	65.0 (2.56)	33.3 (1.31)	69.9 (2.75)	9.7 (0.38)	ABG-1104
-	1	2/0	250	65.0 (2.56)	47.8 (1.88)	85.9 (3.38)	9.7 (0.38)	ABG-1125
-	1-1/2	2/0	250	79.5 (3.13)	47.8 (1.88)	95.3 (3.75)	9.7 (0.38)	ABG-1525

Ground Connectors

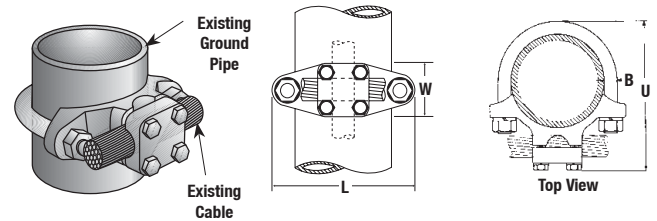
All Copper Alloy — Specification Grade

NEC/CEC:

Listed for Ordinary Locations

Applications

- For cable connection either parallel or at right angle to pipe.
- A high strength corrosion-resistant copper alloy ground connector having a reversible contact plate which permits the ground wire to be connected either at right angles or parallel to a ground pipe.
- The fitting is designed so that the saddle can be installed before the ground connection is made.
- High strength silicon bronze hardware permits high clamping pressures to be applied.
- For ground pipe smaller than 2" use Type ABG.
- Type CG connectors are suitable for direct burial and wet locations.



Type CG

NEC/CEC Certifications and Compliances

- UL Standard: 467
- UL Listed: E-24264
- CSA Standard : C22.2 No. 41
- CSA Certified: 057250
- Fed. Spec: W-F-406E

Type CG							
Conductor Range AWG/kcmil			Dimensions in Millimeters (Inches)				Catalog Number
Ground Pipe Size (Inches)	Min.	Max.	L	W	U	B	
2	8	4	92.20 (3.63)	22.35 (0.88)	95.25 (3.75)	9.65 (0.38)	CG-2004
2	4	2/0	92.20 (3.63)	30.23 (1.19)	101.60 (4.00)	9.65 (0.38)	CG-2022
2	2/0	250	92.20 (3.63)	36.58 (1.44)	104.90 (4.13)	9.65 (0.38)	CG-2025
2	300	500	98.55 (3.88)	47.75 (1.88)	114.30 (4.50)	11.18 (0.44)	CG-2050
2-1/2	8	4	104.90 (4.13)	22.35 (0.88)	107.95 (4.25)	9.65 (0.38)	CG-2604
2-1/2	4	2/0	104.90 (4.13)	30.23 (1.19)	114.30 (4.50)	9.65 (0.38)	CG-2622
2-1/2	2/0	250	104.90 (4.13)	36.58 (1.44)	120.65 (4.75)	9.65 (0.38)	CG-2625
2-1/2	300	500	111.25 (4.38)	47.75 (1.88)	127.00 (5.00)	11.18 (0.44)	CG-2650
3	8	4	120.65 (4.75)	22.35 (0.88)	122.17 (4.81)	9.65 (0.38)	CG-3104
3	4	2/0	120.65 (4.75)	30.23 (1.19)	130.30 (5.13)	9.65 (0.38)	CG-3122
3	2/0	250	120.65 (4.75)	36.58 (1.44)	136.65 (5.38)	9.65 (0.38)	CG-3125
3	300	500	133.35 (5.25)	47.75 (1.88)	146.05 (5.75)	12.70 (0.50)	CG-3150
3	550	750	—	—	—	—	CG-3175
3-1/2	8	4	133.35 (5.25)	22.35 (0.88)	133.35 (5.25)	9.65 (0.38)	CG-3604
3-1/2	4	2/0	133.35 (5.25)	30.23 (1.19)	143.00 (5.63)	9.65 (0.38)	CG-3622
3-1/2	2/0	250	133.35 (5.25)	36.58 (1.44)	149.35 (5.88)	9.65 (0.38)	CG-3625
3-1/2	300	500	146.05 (5.75)	47.75 (1.88)	155.70 (6.13)	12.70 (0.50)	CG-3650
3-1/2	550	750	—	—	—	—	CG-3675
4	8	4	146.05 (5.75)	22.35 (0.88)	146.05 (5.75)	9.65 (0.38)	CG-4104
4	4	2/0	146.05 (5.75)	30.23 (1.19)	155.70 (6.13)	9.65 (0.38)	CG-4122
4	2/0	250	146.05 (5.75)	36.58 (1.44)	155.70 (6.13)	9.65 (0.38)	CG-4125
4	300	500	158.75 (6.25)	47.75 (1.88)	168.40 (6.63)	12.70 (0.50)	CG-4150
4	550	750	—	—	—	—	CG-4175
5	4	2/0	174.75 (6.88)	30.23 (1.19)	181.10 (7.13)	9.65 (0.38)	CG-5122
5	2/0	250	174.75 (6.88)	36.58 (1.44)	187.45 (7.38)	9.65 (0.38)	CG-5125
5	300	500	184.15 (7.25)	47.75 (1.88)	196.85 (7.75)	12.70 (0.50)	CG-5150
5	550	750	—	—	—	—	CG-5175
6	4	2/0	203.20 (8.00)	30.23 (1.19)	209.55 (8.25)	9.65 (0.38)	CG-6122
6	2/0	250	203.20 (8.00)	36.58 (1.44)	215.90 (8.50)	9.65 (0.38)	CG-6125
6	300	500	212.85 (8.38)	47.75 (1.88)	225.55 (8.88)	12.70 (0.50)	CG-6150
6	550	750	212.85 (8.38)	60.45 (2.38)	238.25 (9.38)	12.70 (0.50)	CG-6175
6	800	1000	212.85 (8.38)	60.45 (2.38)	238.25 (9.38)	12.70 (0.50)	CG-6192
8	2/0	250	254.00 (10.00)	36.58 (1.44)	266.70 (10.50)	9.65 (0.38)	CG-8125
8	300	500	263.65 (10.38)	47.75 (1.88)	276.35 (10.88)	12.70 (0.50)	CG-8150
8	550	750	—	—	—	—	CG-8175
8	800	1000	—	—	—	—	CG-8192

Ground Connectors

All Copper Alloy — Specification Grade

CEC:
Listed for Ordinary Locations

Applications

- This ground connector is used for grounding “H” column fence posts. Its design eliminates the need for drilling the post.
- To attach, loosen the nut sufficiently to allow the end of the “J” bolt to slip over the flange, assemble the cable into the fitting and then tighten.

Standard Materials

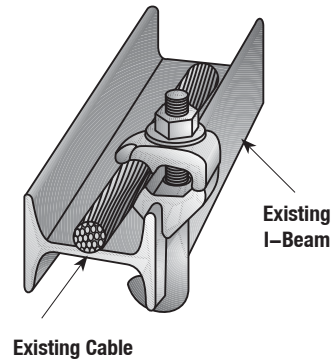
- Current carrying parts - cast copper alloy

Standard Finishes

- “J” bolt, nut and washer - hot hip galvanized steel

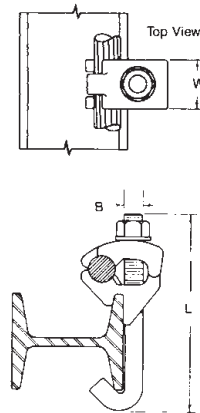
CEC Certifications and Compliances

- CSA Standard : C22.2 No. 41
- CSA Certified: 015978



Type TG

Illustrated Dimensions



Conductor Range		"H" Column Fence Post		Dimensions in Millimeters (Inches)			Catalog Number
Min. Solid	Max. Str.	Min.	Max.	L	W	B	
4	4/0	1.31	1.95	104.9 (4.13)	25.4 (1.00)	9.65 (0.38)	TG-24

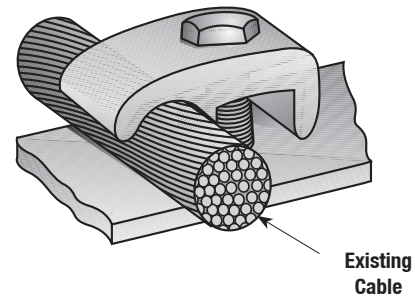
Ground Connectors

All Copper Alloy — Specification Grade

NEC/CEC:
Rated for Ordinary Locations

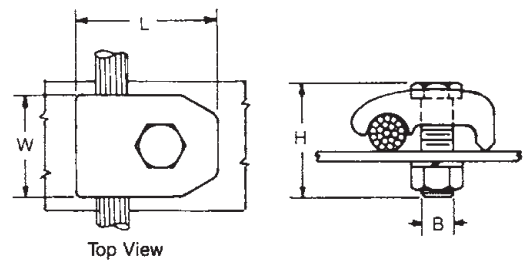
Applications

- An economical ground connector for connecting a ground wire to any flat surface.
- Copper alloy body and silicon bronze bolt, nut and lock washer combine strength and corrosion-resistance to insure a positive ground connection.
- HEX-CUP construction of the fitting simplifies installation by requiring only a single wrench for tightening.



Type KGM
One-Piece Design

Illustrated Dimensions



Conductor Range AWG/kcmil		Dimensions in Millimeters (Inches)				Catalog Number
Min.	Max..	L	W	H	B	
8	4	28.7 (1.13)	28.7 (1.13)	35.1 (1.38)	9.7 (0.38)	KGM-04
4	2/0	41.4 (1.63)	31.8 (1.25)	41.4 (1.63)	9.7 (0.38)	KGM-22
2/0	250	50.8 (2.00)	35.1 (1.38)	46.0 (1.81)	11.2 (0.44)	KGM-25
300	500	60.5 (2.38)	38.1 (1.50)	58.7 (2.31)	12.7 (0.50)	KGM-50
550	750	73.2 (2.88)	44.5 (1.75)	66.8 (2.63)	16.0 (0.63)	KGM-75
800	1000	85.9 (3.38)	50.8 (2.00)	73.2 (2.88)	16.0 (0.63)	KGM-92

Ground Connectors

All Copper Alloy — Specification Grade

NEC/CEC:
Listed for Ordinary Locations

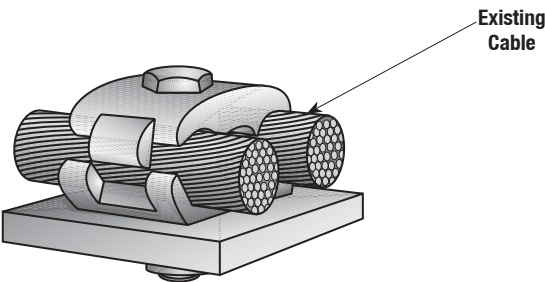
Applications

- For connecting two parallel cables of the same or varying sizes to any flat surface.
- Installation of connectors is simplified by HEX-CUP construction.
- Cables are gripped by the interlocking clamp, used throughout the line of ground devices.
- Copper alloy body and silicon bronze bolts, nuts and lock washers make a completely corrosion resistant fitting and permit high pressure to be applied - insuring a positive ground connection.

NEC/CEC Certifications and Compliances

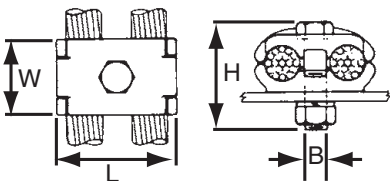
- UL Standard: 467
- CSA Standard : C22.2 No. 41
- CSA Certified: 015978
- Suitable for direct burial

NOTE: Bolts furnished will fasten connector to plate 1/4" thick. Longer bolts will be furnished when necessary if plate thickness is specified. Contact your local representative.



Type LG
One Bolt

Illustrated Dimensions



Conductor Range AWG/kcmil		Dimensions in Millimeters (Inches)				Catalog Number
Min.	Max.	L	W	H	B	
8	4	28.7 (1.13)	28.7 (1.13)	35.1 (1.38)	9.7 (0.38)	LG-04
4	2/0	44.5 (1.75)	31.8 (1.25)	44.5 (1.75)	9.7 (0.38)	LG-22
2/0	250	54.1 (2.13)	38.1 (1.50)	52.3 (2.06)	11.2 (0.44)	LG-25
300	500	73.2 (2.88)	44.5 (1.75)	65.0 (2.56)	12.7 (0.50)	LG-50
550	750	88.9 (3.50)	50.8 (2.00)	73.2 (2.88)	16.0 (0.63)	LG-75
800	1000	98.6 (3.88)	57.2 (2.25)	79.5 (3.13)	16.0 (0.63)	LG-92