DICOM INGENIEROS S.R.L. | BURNDY®

Mechanical Grounding

Parallel or 90° Copper Cable Connection to Rod or Pipe with Same Connector; Type GAR

Type GAR

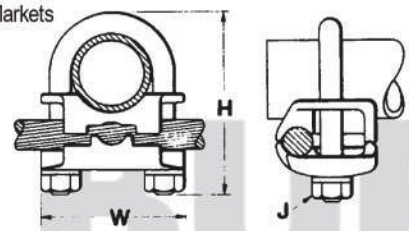
For Parallel or 90° Copper Cable Connection to Rod or Pipe with the same connector

High copper alloy ground connector for joining a range of cable, parallel, or at right angles, to rod or tube. Especially good for fence posts. High copper alloy cast body with DURIUM™ Silicon Bronze U-bolts, nuts, and lockwashers, permit entire connection to be buried in earth or concrete without danger of corrosion.



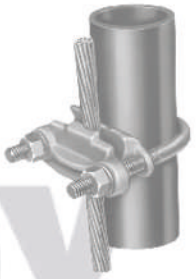
Features & Benefits

- Wire to Rebar
- Fence Post Grounding Connector
- Wire to Pipe
- One-wrench installation
- Rated for Direct Burial in earth or concrete
- UL467 Listed for US and Canadian Markets
- Select connectors qualified to IEEE-837-2014





Wire at Right Angle to Pipe



Wire Parallel to Pipe

Catalog Number	Conductor				H	J	W
	Tube I.P.S.*	Rod Size or O.D. Range	Rebar Size	Cable Range			
GAR114C	1/4	1/2	—	8 Sol. - 4 Str.	2-1/2	3/8	1-7/8
GAR1126	1/4	1/2	—	4 Sol. - 2/0 Str.	2-1/2	3/8	1-7/8
GAR1129	1/4	1/2	—	2/0 Sol. - 250	2-1/2	3/8	1-7/8
GAR644C	3/8	5/8 - 3/4	5 - 6	8 Sol. - 4 Str.	2-7/8	3/8	2-1/8
GAR6426	3/8	5/8 - 3/4	5 - 6	4 Sol. - 2/0 Str.	2-7/8	3/8	2-1/8
GAR6429	3/8	5/8 - 3/4	5 - 6	2/0 Sol. - 250	2-7/8	3/8	2-1/8
GAR6434	3/8	5/8 - 3/4	5 - 6	300-500	3-1/2	1/2	2-1/2
GAR144C	1/2-3/4	7/8 - 1	7 - 8	8 Sol. - 4 Str.	2-3/4	3/8	2-3/8
GAR1426	1/2-3/4	7/8 - 1	7 - 8	4 Sol. - 2/0 Str.	3	3/8	2-3/8
GAR1429	1/2-3/4	7/8 - 1	7 - 8	2/0 Sol. - 250	3	3/8	2-3/8
GAR1434	1/2-3/4	7/8 - 1	7 - 8	300-500	3-3/4	1/2	2-3/4
GAR154C	1	1-1/8 - 1-1/4	9 - 10	8 Sol. - 4 Str.	2-7/8	3/8	2-5/8
GAR1526	1	1-1/8 - 1-1/4	9 - 10	4 Sol. - 2/0 Str.	2-7/8	3/8	2-5/8
GAR1529	1	1-1/8 - 1-1/4	9 - 10	2/0 Sol. - 250	3-3/8	3/8	2-5/8
GAR1534	1	1-1/8 - 1-1/4	9 - 10	300-500	4-1/2	1/2	2-5/8
GAR164C	1-1/4	1-3/8 - 1-1/2	11	8 Sol. - 4 Str.	3-1/2	3/8	3
GAR1626	1-1/4	1-3/8 - 1-1/2	11	4 Sol. - 2/0 Str.	3-1/2	3/8	3
GAR1629	1-1/4	1-3/8 - 1-1/2	11	2/0 Sol. - 250	3-1/2	3/8	3
GAR1634	1-1/4	1-3/8 - 1-1/2	11	300-500	4-1/4	1/2	3-3/8

* This is the "Trade" Pipe Size reference.

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Siguenos en **nuestras redes**

Escanea el QR
Visita nuestro **Catalogo**

Type GAR (Continued)



Catalog Number	Conductor				H	J	W
	Tube I.P.S.*	Rebar Size	Rod Size or O.D. Range	Cable Range			
GAR174C	1-1/2	—	1-5/8 - 1-7/8	8 Sol. - 4 Str.	4	3/8	3-1/4
GAR1726	1-1/2	—	1-5/8 - 1-7/8	4 Sol. - 2/0 Str.	4	3/8	3-1/4
GAR1729	1-1/2	—	1-5/8 - 1-7/8	2/0 Sol. - 250	4	3/8	3-1/4
GAR1734	1-1/2	—	1-5/8 - 1-7/8	300 - 500	4-5/8	1/2	2-5/8
GAR184C	2	—	2 - 2-3/8	8 Sol. - 4 Str.	4-1/4	3/8	3-3/4
GAR1826	2	—	2 - 2-3/8	4 Sol. - 2/0 Str.	4-1/4	3/8	3-3/4
GAR1829	2	—	2 - 2-3/8	2/0 Sol. - 250	4-1/2	3/8	3-3/4
GAR1834	2	—	2 - 2-3/8	300 - 500	5-1/4	1/2	4-1/8
GAR194C	2-1/2	—	2-1/2 - 2-7/8	8 Sol. - 4 Str.	5	3/8	4-1/4
GAR1926	2-1/2	—	2-1/2 - 2-7/8	4 Sol. - 2/0 Str.	5	3/8	4-1/4
GAR1929	2-1/2	—	2-1/2 - 2-7/8	2/0 Sol. - 250	5	3/8	4-1/4
GAR1934	2-1/2	—	2-1/2 - 2-7/8	300 - 500	5-5/8	1/2	4-5/8
GAR204C	3	—	3 - 3-1/2	8 Sol. - 4 Str.	5-5/8	3/8	4-3/4
GAR2026	3	—	3 - 3-1/2	4 Sol. - 2/0 Str.	5-5/8	3/8	4-3/4
GAR2029	3	—	3 - 3-1/2	2/0 Sol. - 250	5-5/8	3/8	4-3/4
GAR2034	3	—	3 - 3-1/2	300 - 500	6-3/8	1/2	5-1/4
GAR214C	3-1/2	—	3-1/2 - 4	8 Sol. - 4 Str.	6-1/4	3/8	5-3/8
GAR2126	3-1/2	—	3-1/2 - 4	4 Sol. - 2/0 Str.	6-1/4	3/8	5-3/8
GAR2129	3-1/2	—	3-1/2 - 4	2/0 Sol. - 250	6-1/4	3/8	5-3/8
GAR2134	3-1/2	—	3-1/2 - 4	300 - 500	6-3/4	1/2	5-3/4
GAR224C	4	—	4 - 4-1/2	8 Sol. - 4 Str.	6-3/8	3/8	5-7/8
GAR2226	4	—	4 - 4-1/2	4 Sol. - 2/0 Str.	6-3/8	3/8	5-7/8
GAR2229	4	—	4 - 4-1/2	2/0 Sol. - 250	6-3/8	3/8	5-7/8
GAR2234	4	—	4 - 4-1/2	300 - 500	6-7/8	1/2	6-1/4
GAR244C	5	—	—	8 Sol. - 4 Str.	7-3/4	3/8	6-7/8
GAR2426	5	—	—	4 Sol. - 2/0 Str.	7-3/4	3/8	6-7/8
GAR2429	5	—	—	2/0 Sol. - 250	7-3/4	3/8	7-1/4
GAR2434	5	—	—	300 - 500	8-5/8	1/2	7-1/4
GAR8629 ①	6	—	—	2/0 Sol. - 250	8-13/16	1/2	8-3/8
GAR8634	6	—	—	300 - 500	8-13/16	1/2	8-3/8

① Qualified to IEEE837-2014

* This is the "Trade" Pipe Size reference.

NOTE:

Contact BURNDY® for additional pipe and wire size combinations not shown.

Mechanical Grounding

Ground Connectors Types GAR-BU, GAR3902; Type GAR-RB for Reinforcement Bar

Types GAR-BU, GAR3902
Ground Connectors

Type GAR-BU is a high-conductivity copper ground connector for connecting a small to medium range copper ground conductor to water pipe as well as structural and reinforcing rod shapes. Universal acceptance of several sizes of cylindrical shapes makes this suitable for industrial construction and maintenance work as well as cathodic protection. Cable clamp swivels to permit parallel grounding of one pipe or 90° degree cable run for grounding several parallel pipes. Single wrench installation. UL467 Listed and CSA Certified.

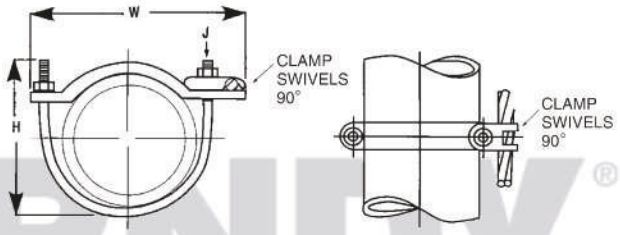






Features & Benefits

- Cable clamp swivels at 90°; permits parallel grounding of one pipe on a 90° cable run for grounding several parallel pipes
- One-wrench installation for simplified installation
- DURIUM™ silicon bronze hardware (-BU Series)* provides long lasting corrosion resistance and acceptable for direct burial in earth of concrete
- Rated for Direct Burial in earth or concrete
- UL467 Listed for the US and Canadian Markets; provides quality assurance to recognized industry NEC standards from an independent party



Catalog Number	Cable Range	IPS Size **	O.D. Range	H	J	W	Recommended Tightening Torque
GAR3902-BU ①	#4- 4/0 AWG	1/2-1	0.84 - 1.32	3.50	3/8" - 16	3.25	240 in. - lbs.
GAR3903-BU ①	#4- 4/0 AWG	1 1/4-2	1.66 - 2.38	4.00	3/8" - 16	4.25	240 in. - lbs.
GAR3904-BU ①	#4- 4/0 AWG	2 1/2-3 1/2	2.88 - 4.00	6.50	3/8" - 16	6.00	240 in. - lbs.
GAR3905-BU ①	#4- 4/0 AWG	4-5	4.50 - 5.56	7.50	3/8" - 16	7.50	240 in. - lbs.
GAR3906-BU ①	#4- 4/0 AWG	6	6.62	8.50	3/8" - 16	8.62	240 in. - lbs.
GAR3907-BU ①	#4- 4/0 AWG	8	8.62	10.00	3/8" - 16	10.62	240 in. - lbs.
GAR3908-BU ①	#4- 4/0 AWG	10	10.75	12.00	3/8" - 16	12.75	240 in. - lbs.
GAR3909-BU ①	#4- 4/0 AWG	12	12.75	14.00	3/8" - 16	14.75	240 in. - lbs.
GAR3902 ②	#4- 4/0 AWG	1/2-1	0.84 - 1.32	3.50	3/8" - 16	3.25	240 in. - lbs.
GAR3903 ②	#4- 4/0 AWG	1 1/4-2	1.66 - 2.38	4.00	3/8" - 16	4.25	240 in. - lbs.
GAR3904 ②	#4- 4/0 AWG	2 1/2-3 1/2	2.88 - 4.00	6.50	3/8" - 16	6.00	240 in. - lbs.
GAR3905 ②	#4- 4/0 AWG	4-5	4.50 - 5.56	7.50	3/8" - 16	7.50	240 in. - lbs.
GAR3906 ②	#4- 4/0 AWG	6	6.62	8.50	3/8" - 16	8.62	240 in. - lbs.
GAR3907 ②	#4- 4/0 AWG	8	8.62	10.00	3/8" - 16	10.62	240 in. - lbs.
GAR3908 ②	#4- 4/0 AWG	10	10.75	12.00	3/8" - 16	12.75	240 in. - lbs.
GAR3909 ②	#4- 4/0 AWG	12	12.75	14.00	3/8" - 16	14.75	240 in. - lbs.

① Type GAR-BU is supplied with DURIUM™ silicon bronze hardware and is Listed for direct burial
② Standard Type GAR-3900 series supplied with galvanized U-bolt and hardware

** Refer to Section O for tube dimensions.

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