

GAR6429, Mechanical Grounding Connector, Cable to Rod or Pipe

By Burndy
Catalog # [GAR6429](#)



Mechanical Grounding Connector, Cable to Rod or Pipe, 2/0 AWG (Sol) -250 kcmil, 3/8" Pipe, 5/8"-3/4" Rod, #5-#6 Rebar, Bright Dipped. Silicon bronze hardware.

Features

- 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

Application

For Joining A Range Of Cable, Parallel Or At Right Angles To Rod Or Tube, Direct Burial Cable, Fence Post

General

| | |
|---------------------|------------------------|
| Catalog Number | GAR6429 |
| EU RoHS Indicator | Yes |
| Installation Torque | 240 lb-in |
| Recommended in-lb | |
| Material | Copper Alloy |
| Material - Hardware | DURIUM™ Silicon Bronze |
| Plated | N |
| Plating Type | Bright Dipped |
| Sub Brand | MECHANICAL CONNECTOR |
| Type | GAR |
| U Bolt Type | 269 |
| UPC | 781810238400 |
| UPC 12 Digit | 7818102384000 |

Dimensions

| | |
|-----------------------------------|----------|
| Dimension - B Length inch | 1.75 in |
| Dimension - Height fraction | 2-7/8 in |
| Dimension - Height inch | 2.88 in |
| Dimension - Height mm | 73.2 mm |
| Dimension - L Length Overall mm | 46 mm |
| Dimension - Length Overall inch | 1.81 in |
| Dimension - Outside Diameter inch | 0.68 in |
| Dimension - Width fraction | 2-1/8 in |
| Dimension - Width inch | 2.06 in |
| Dimension - Width mm | 52 mm |

Conductor Related

| | |
|--|--|
| Conductor - Copper Solid Size | 2/0 AWG;3/0 AWG;4/0 AWG |
| Conductor - Copper Solid Size Range | 2/0 AWG - 250 kcmil |
| Conductor - Copper Str Size | 1/0 ;2/0 AWG;3/0 AWG;4/0 AWG;250 kcmil |
| Conductor - Copper Str Size Range | 1/0 -250 kcmil |
| Conductor - Copper Tube Std Size | 3/8 IPS IPS |
| Conductor - Copper Tube Std Size Range | 3/8 IPS IPS |
| Conductor - Pipe or Round Tube Size | 3/8 in |
| Conductor - Rebar Size | 5 ;6 |
| Conductor - Rebar Size Range | 5 -6 |
| Conductor - Rod Size | 0.625in - 0.75in |
| Conductor - Rod Size Range | 5/8 in-3/4 in |
| Conductor Type | <ul style="list-style-type: none"> • CU C Solid-Size • CU C Str-Size • CU Tube Std-Size • Rod-Size |

Certifications And Compliance

| | |
|---|-------|
| Certification - CSA Approved | No |
| Certification - ETL | No |
| Certification - UL Listed Direct Burial | Yes |
| Certification - UL Recognized | No |
| Certification - cULus | No |
| Industry Standard(s) | UL467 |
| Standards - Industry Standards Met | UL467 |
| Standards - RoHS Compliance Status | EX |
| UL Listed | Yes |

Product Assets

[360 Product View - BURN_GAR6429](#)
[3D Models - GAR6429_MODEL-STEP](#)
[3D Models - GAR6429_MODEL-IGES](#)
[3D Models - GAR6429_MODEL-PDF](#)

[3D Product View - BURN_GAR6429](#)

[Catalogs - BURNDY Master Catalog - Section E2 - Mechanical Grounding](#)

[Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)
[Customer Notices - Prop 65 Notice](#)

[Interactive Catalog - BURNDY Full-Line Digital Catalog](#)

[Product Cross Section Image\(s\) - BUR_GAR_Lineart](#)

[Sales Drawings - SD..015789-01](#)

[Sell Sheets - Type GAR, Parallel, 90° Connection to Rod/Pipe](#)
[Specifications - GAR6429](#)



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