

# Copper-Bonded Ground Rod, One Pigtail



The nVent ERICO Copper-Bonded Ground Rod, One Pigtail features a Cadweld exothermic connection that attaches the pigtail to the rod with a permanent, molecular bond that will not loosen or corrode. The pigtail has a thick copper coating for durability and conductivity. The rod undergoes a unique manufacturing process resulting in a straighter, stronger core that makes installation easier. The rod also has a uniform layer of molecularly bonded copper that provides long-lasting corrosion resistance. The Cadweld exothermic connection and the Copper-Bonded Ground Rod are designed to maintain for the life of the conductor and/or installation and can withstand repeated fault currents without failing.

## FEATURES

Pigtails are connected with an exothermic Cadweld connection to rod

99.9% pure electrolytic copper coating

Manufactured in an ISO-registered manufacturing facility

Rods have a high carbon steel core and tip that provide superior strength when driving

## SPECIFICATIONS

**Material:** Copper-Bonded Steel

**Tensile Strength:** 552 MPa Min

Table 1/2

| Catalog Number | Ground Rod Diameter, Actual (Ø) | Length 1 (L1) | Length 2 (L2) | Plating Thickness | Cable Length | Conductor Size |
|----------------|---------------------------------|---------------|---------------|-------------------|--------------|----------------|
| 6138529        | 8.9 mm                          | 1524 mm Min   | 457 mm Min    | 127µm             | 0.45m        | #10 CW         |
| 6138629        | 8.9 mm                          | 1829 mm Min   | 457 mm Min    | 127µm             | 0.46m        | #10 CW         |

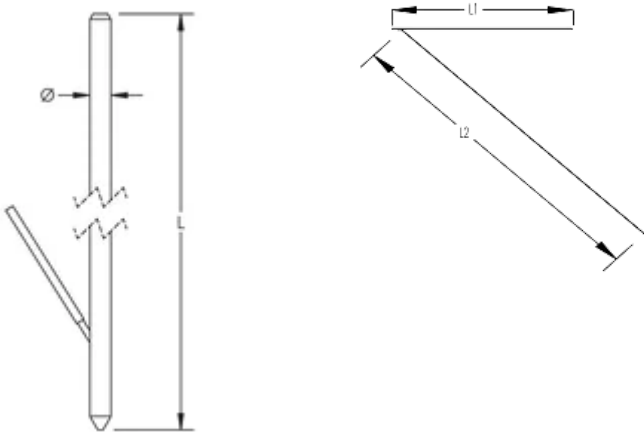
| CatalogNumber | Ground Rod Diameter, Actual (Ø) | Length 1 (L1) | Length 2 (L2) | Plating Thickness | Cable Length | Conductor Size  |
|---------------|---------------------------------|---------------|---------------|-------------------|--------------|-----------------|
| 6158839       | 14.2 mm                         | 2438 mm Min   | 1219 mm Min   | 330µm             | 1.2m         | #6 Solid Copper |
| 615889        | 14.2 mm                         | 2438 mm Min   | 1219 mm Min   | 254µm             | 1.2m         | #6 CW           |

| Table 2/2      |           |             |
|----------------|-----------|-------------|
| Catalog Number | Insulated | Unit Weight |
| 6138529        | No        | 0.7 kg      |
| 6138629        | No        | 0.9 kg      |
| 6158839        | No        | 3.1 kg      |
| 615889         | No        | 3.1 kg      |

## ADDITIONAL PRODUCT DETAILS

Contact us for specific requirements.

## DIAGRAMS



## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause

product malfunction, property damage, serious bodily injury and death and/or void your warranty.

⚠ WARNING: This product can expose you to chemicals including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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