

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

Table 1/2

Catalog Number	Tensile Strength	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual (Ø)	Length 1 (L1)	Length 2 (L2)	Plating Thickness
6158009300	80000 lbf/in ² Min	0.625"	0.625"	120" Min	300" Min	10
6158009300GW	80000 lbf/in ² Min	0.625"	0.625"	120" Min	300" Min	10

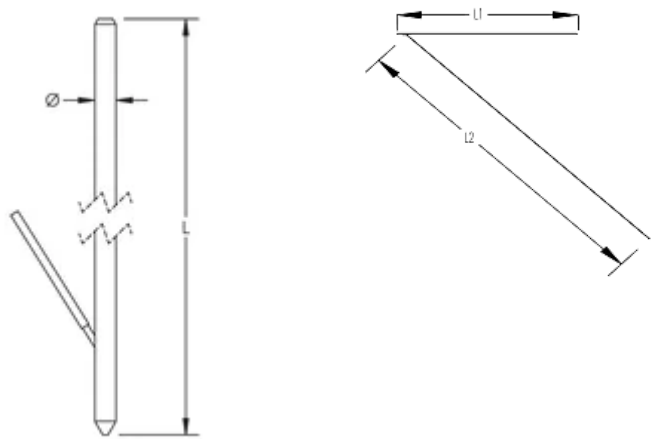
CatalogNumber	Tensile Strength	Ground Rod Diameter, Nominal	Ground Rod Diameter, Actual (Ø)	Length 1 (L1)	Length 2 (L2)	Plating Thickness
6138529	80000 lbf/in ² Min	0.375"	0.35"	60" Min	18" Min	5mil
6138629	80000 lbf/in ² Min	0.375"	0.35"	72" Min	18" Min	5mil
6158839	80000 lbf/in ² Min	0.625"	0.56"	96" Min	48" Min	13mil
615889	80000 lbf/in ² Min	0.625"	0.56"	96" Min	48" Min	10mil
615889180	80000 lbf/in ² Min	0.625"	0.625"	96" Min	180" Min	10
615889180GW	80000 lbf/in ² Min	0.625"	0.625"	96" Min	180" Min	10
615889300GW	80000 lbf/in ²	0.625" - 1.625"	0.625"	96" Min	300" Min	10

Table 2/2				
Catalog Number	Cable Length	Conductor Size	Insulated	Unit Weight
6158009300	300"	#6 Solid	No	8.4 lb
6158009300GW	300"	#6 Solid	Yes	8.4 lb
6138529	18"	#10 CW	No	1.6 lb
6138629	18"	#10 CW	No	2 lb
6158839	48"	#6 Solid Copper	No	6.8 lb
615889	48"	#6 CW	No	6.8 lb
615889180	180"	#6 Solid	No	6.7 lb
615889180GW	180"	#10 Solid	Yes	8.4 lb
615889300GW	300"	#6 Solid	Yes	8.44 lb

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 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.

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