

Copper Clad Steel Ground Rods

Part No.	Size	Approx. Each Wt. (lbs.)	Standard Bundle	Approx. Wt. lbs./Bundle	UL Mark	With UPC Label
1208UPC	1/2" x 8'	6	5	30	Yes	Yes
1210	1/2" x 10'	7	5	35	Yes	No
588	5/8" x 8'	7	5	35	Yes	No
588RUS	5/8" x 8'	7	5	35	Yes	No
588UPC	5/8" x 8'	7	5	35	Yes	Yes
5810	5/8" x 10'	9	5	45	Yes	No
5810UPC	5/8" x 10'	9	5	45	Yes	Yes
348	3/4" x 8'	11	5	55	Yes	No
3410	3/4" x 10'	13	5	65	Yes	No
3412	3/4" x 12'	15	5	75	Yes	No
110	1" x 10'	23	3	69	Yes	No

- For more information refer to Ground Rod table on 326.



c  us Listed 467

TECHNICAL NOTES:

- **NEC 2014 Article 250.53(G) (Summarized)**

The electrode shall be installed so that 8' of length is in contact with the soil. It shall be driven to a depth of not less than 8' except where rock bottom is encountered. In the case of bedrock, the electrode shall be driven at an angle not to exceed 45 degrees from the vertical or shall be buried in a trench that is at least 2-1/2' deep.

- **UL 467 6.9.2.3 (Summarized)**

A solid rod electrode of copper or other suitable non-ferrous metal, or a solid rod electrode of iron or steel with a copper or other suitable non-ferrous metal or stainless steel jacket, shall have a diameter not less than 1/2" thick.

- **UL 467 6.9.2.6 (Summarized)**

The copper jacket shall not be less than .010" thick at any point.

- **RUS (Rural Utilities Service)** ground rods typically have a 13 mil copper plating thickness.