DATA SHEET

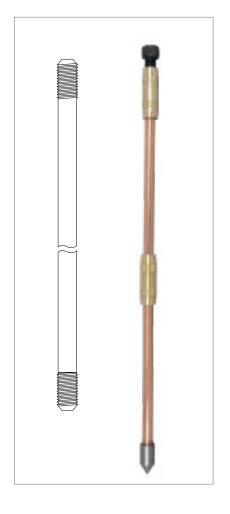


VERTICAL COPPER-BONDED EARTH ROD / GROUNDING ROD

They are made of molecularly bonded 99.9% pure electrolytic copper onto a low carbon steel core. The steel core is a bar drawn to the required diameter. The rods are highly resistant to corrosion and because the steel used has a high tensile strength 600 N/mm², they can be driven by vibrohammers to great depths. The copper jacket is **0.250 mm** thick at all points and it ensures a lifetime of tens of years.

The threads at the tips of a rod are rolled after copper bonding process, and both steel and copper are rolled into t he thread, making it extremely strong. Connection of the rods using threaded coupling complies with the requirements of IEC/EN 62561-2 "Lightning protection components (LPC). Requirements for conductors and earth electrodes"

| Cat. no. | Type of thread | Diameter of rod | Length of thread | Rod length* | | Material |
|----------|----------------|-----------------|------------------|-------------|-----|---------------|
| | inch | mm | mm | feet | m | |
| C1000111 | 5/8 UNC | 14.2 | 24 | 4 | 1.2 | |
| C1000112 | | | | 5 | 1.5 | |
| C1000113 | | | | 6 | 1.8 | |
| C1000114 | | | | 8 | 2.4 | steel |
| C1000115 | | | | 10 | 3 | copper-bonded |
| C1000121 | | | | 4 | 1.2 | to thickness |
| C1000122 | | | | 5 | 1.5 | of 0.250 mm |
| C1000123 | 3/4 UNC | 17.2 | 30 | 6 | 1.8 | |
| C1000124 | | | | 8 | 2.4 | |
| C1000125 | 1 | | | 10 | 3 | |



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^{*} for special orders we supply different rod lengths up to 3 m