

## DATA SHEET

## Vertical copper-bonded earth rod / grounding rod

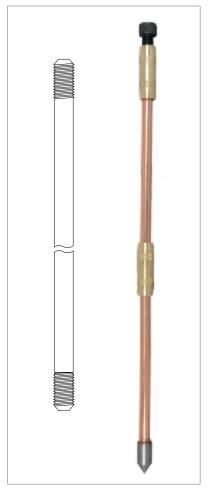
They are made of molecularly bonded 99.9% pure electrolytic copper onto a low carbon steel core. The steel core is a bar drawn to the required diameter. The rods are highly resistant to corrosion and because the steel used has a high tensile strength 600 N/mm<sup>2</sup>, they can be driven by vibrohammers to great depths. The copper jacket is **0.250 mm** thick at all points and

it ensures a lifetime of more than 30 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	steel copper-bonded to thickness of 0.250 mm
C1000112				5	1.5	
C1000113				6	1.8	
C1000114				8	2.4	
C1000115				10	3	
C1000121	3/4 UNC	17.2	30	4	1.2	
C1000122				5	1.5	
C1000123				6	1.8	
C1000124				8	2.4	
C1000125				10	3	

Threaded earth rod dimensions



\* for special orders we supply different rod lengths up to 3 m