

## COPPER BONDED EARTH ROD

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The reason for the enduring popularity and appeal of this product is that it represents a known technology, the driven earth rod, and combines the conductive properties of copper with the strength of steel. They offer a more economical and stronger alternative to a pure copper rod and a better conductivity than a stainless steel rod, whilst maintaining its corrosion resistant properties. Nexus copper bond electrodes are robust enough to be driven through bricks, and can be installed using power tools. Unlike other brands, Nexus does not produce sheathed rods due to our commitment to quality and our appreciation of the needs of our clients; all rods have pure copper electrolytically bonded to a steel core. Nexus utilises the best materials to ensure that when the two metals are molecularly bonded the product achieves a market-leading specification. This commitment to quality, and our clients, is why Nexus is found in the most demanding projects.

### Pointed Copper bonded Ground Rods

- Manufactured of high strength 1035 cold drawn steel
- The Nexus preferred ground rods

PRODUCT CODE	NOMINAL DIAMETER (MM)	SHANK DIA (MM)	LENGTH (MM)	WEIGHT (KG)
NCBR1004	3/8 : 9	9.50	1200	0.62
NCBR1604	5/8" : 16	14.2	1200	1.53
NCBR1605	5/8" : 16	14.2	1500	1.88
<b>NCBR1606</b>	5/8" : 16	14.2	1800	2.29
NCBR1608	5/8" : 16	14.2	2400	3.00
NCBR1610	5/8" : 16	14.2	3000	3.79
NCBR2004	3/4" : 20	17.2	1200	2.19
NCBR2005	3/4" : 20	17.2	1500	2.73
NCBR2006	3/4" : 20	17.2	1800	3.27
NCBR2008	3/4" : 20	17.2	2400	4.35
<b>NCBR2010</b>	3/4" : 20	17.2	3000	5.44



### Sectional Copperbonded Ground Rods

- For use when it is necessary to deep-drive rods
- Cold-rolled threads - stronger than cut threads

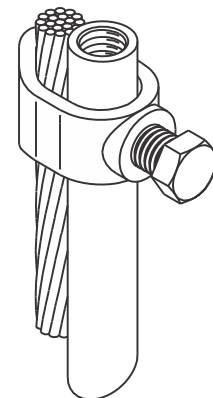
**Material:** Pure copper molecularly bonded onto a steel core. **Copper thickness :** 250 Micron Min.

- Resist corrosion better than galvanized rods allowing for a 30-year service life in most soils
- State of the art manufacturing process ensures uniform plating thickness
- Average tensile strength of 80,000 psi and straightness tolerance of .010" per linear

## ROD TO CABLE CLAMP : A TYPE

Nexus rod to cable type A clamps are designed to join various sizes of cable to the earth rods.

The clamps have a high resistance to corrosion and are mechanically strong to ensure a lasting connection.



PRODUCT CODE	ROD DIA (MM)	MAX CONDUCTOR SIZE (MM²)	WEIGHT (Kg)
<b>NAC1</b>	5/8 : 16	6-95	0.05
NAC2	3/4 : 20	6-95	0.05

**Material: Gunmetal**