

General

Zinc rods are normally used when cathodically protected structures need to be connected to ground, for example to discharge dangerous voltages induced by H.V. transmission lines. They act as a sacrificial anode, allowing the grounding but supplying a current that protect the portion of structure.

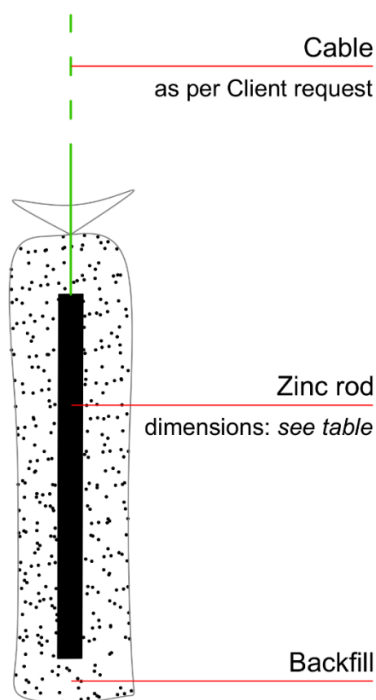
It can be supplied bare or with backfill, depending by soil resistivity.

Cable type, section and length as per customer specification.

Standard backfill composition:

Powder Gypsum 75% - Granular Bentonite 20% - Sodium Sulphate 5%

The anode and the backfill are contained in a cotton bag; other composition upon request.



ALLOY COMPOSITION (% weight)	
SPECIFICATION	MIL-A-18001-H
Al	0.10 – 0.50
Cu	0.005 max
Si	0.125 max
Fe	0.005 max
Cd	0.025 – 0.15
Pb	0.006 max
Zn	Balance
Potential	1.05 Volt Ag/AgCl Ref.
Capacity (Ampere / hour)	780
Efficiency	95 %

Available dimensions:

L		Section AxB		Net Weight (approx.)	
mm	inc	mm	inc	Kgs	Lbs
1500	59	30 (a)	1.2	10	22
1524	60	35.6 (a)	1.4	13.6	30
1143	45	50.8 (a)	2	22.7	50
1524	60	50.8 (a)	2	27.2	60
600	23.6	see dwg (b)		20	44

Section type:

