

COPPER BONDED EARTH RODS & ACCESSORIES CATALOUGE MANUFACTURERS & EXPORTER



Amiable Impex

understands your values



AMIABLE IMPEX is a Manufacturer of Copper Bonded Rod also known as Copper Bonded Ground Rod or Copper Bonded Earth Rod. We are the Specialist for Copper Bonded Rod manufactures from 15 Microns to 250 microns.

Our Firm AMIABLE IMPEX, Manufacturer & Exporter of Copper Bonded Ground Rod is well established organization in India and overseas market and deals in products, namely-

- 1) Copper Bonded Earth Rod (Manufacturer)
- 2) Copper Braid, Laminated Copper Flexible, Other Copper Product, etc. (Manufacturer)
- 3) Exothermic Weld (Supplier)

We have earned good reputation amongst our international customers with our **Quality Assurance, On time delivery and High Customer Satisfaction**. To ensure consistent product quality, we work within a quality system that is approved with **ISO 9001 - 2008** certification and our Ground Rod and Exothermic Weld is also **Certified by CPRI - Govt. Certified for Short Circuit Current Testing** and we are **Crisil Verified Company**. Strict quality checks are carried out at different stages of manufacturing and only that material which passes stringent norms finds its way in the market around the Globe.

Our Vision

The four pillars of our vision set out the long term direction for the company where we want to go and how we are going to get there:

- We work to create a better future everyday.
- We help our customers feel good, have good and get more out of life with our brands and services that are good for them and good for others.
- Whilst the company has ambitious plans for the future for its product range and its manufacturing abilities, our greatest objective will always be to maintain the highest level of quality assurance & service to the customer.
- We will develop new ways of doing business with the aim of doubling the size of our company while reducing our environmental impact.

We always believe in the power of our brands to improve the quality of people's lives and in doing the right thing.

Some of our Esteemed Customers



These are the secrets of our success: sincerity and the passion toward everyone we work with, the communities we touch, and the environment on which we have an impact.

"We understand our Customers Values"

COPPER BONDED GROUNDING ROD / EARTH ROD

Copper bonded earth rods are made from low carbon steel.

Earth Rods are molecularly bonded with 99.9% pure electrolytic copper.

Salient Features-

- *Perfectly Bonded rod will last longer, drive easier and will not crack.
- *Corrosion resistance while providing the lowest resistance to ground.
- *Threads are rolled by roll threading process, which ensures that even copper covering is maintained, even at the root of the thread. Roll thread gives greater strength than cut thread.
- *Thread rolling process raises the surface of the rod, so that thread dia. (T) is greater than shank dia. (S). As seen in figure-

Dimension Rod Size (DIA x LENGTH)	Actual Rod Dia. "S"	Thread Dia. "T"	Product Code Copper Bonded	Product Code Solid Bonded
9.5x1200(UN-THREADED)	9.5	-	E01-CBR --012	E01-SBR --012
9.5x1800(UN-THREADED)	9.5	-	E01-CBR --018	E01-SBR --018
14x1200	12	14	E01-CBR --1412	E01-SBR --1412
14x1500	12	14	E01-CBR --1415	E01-SBR --1415
14x1800	12	14	E01-CBR --1418	E01-SBR --1418
14x2000	12	14	E01-CBR --1420	E01-SBR --1420
14x2400	12	14	E01-CBR --1424	E01-SBR --1424
5/8" x4" or 16mmx1200	14.2	5/8"	E01-CBR --112	E01-SBR --112
5/8" x5" or 16mmx1500	14.2	5/8"	E01-CBR --115	E01-SBR --115
5/8" x6" or 16mmx1800	14.2	5/8"	E01-CBR --118	E01-SBR --118
5/8" x8" or 16mmx2400	14.2	5/8"	E01-CBR --124	E01-SBR --124
5/8" x10" or 16mmx3000	14.2	5/8"	E01-CBR --130	E01-SBR --130
5/8" x4" or 16mmx1200	16	5/8"	E01-CBR --312	E01-SBR --312
5/8" x5" or 16mmx1500	16	5/8"	E01-CBR --315	E01-SBR --315
5/8" x6" or 16mmx1800	16	5/8"	E01-CBR --318	E01-SBR --318
3/4" x4" or 19mmx1200	17.2	3/4"	E01-CBR --212	E01-SBR --212
3/4" x5" or 19mmx1500	17.2	3/4"	E01-CBR --215	E01-SBR --215
3/4" x6" or 19mmx1800	17.2	3/4"	E01-CBR --218	E01-SBR --218
3/4" x8" or 19mmx2400	17.2	3/4"	E01-CBR --224	E01-SBR --224
3/4" x10" or 19mmx3000	17.2	3/4"	E01-CBR --230	E01-SBR --230
25mmx2400(UN-THREADED)	25	-	E01-CBR --424	E01-SBR --424
25mmx3000(UN-THREADED)	25	-	E01-CBR --430	E01-SBR --430

ROD Dia "S"

Thread Dia "T"



*Above Rod can also be made as per customer specification in any Rod Diameter in any Micron.

COUPLER

Material—Copper Alloy

Coupler are made from copper alloy & counter bored to completely enclose threads, protecting them from damage & corrosion.

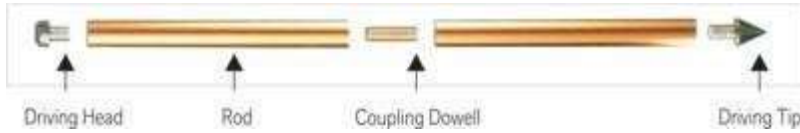
Size	Product Code	Product Code AL.BRONZE
14mm	E15-COB-14	E15-COAB-14
5/8" or 16mm	E15-COB-16	E15-COAB-16
3/4" or 19mm	E15-COB-19	E15-COAB-19



SOLID COPPER ROD

Solid copper earth rods are made from 99.9% pure electrolytic Copper. Solid Copper rods offer greater resistance to corrosion. They are ideally used in applications where soil conditions are very aggressive. For E.g. Soil with high salt content

INTERNALLY THREADED



Rod DIA. mm	Length	Thread DIA	Product Code
12	1200	M8	E16-SCR -1212
12.5	1200	M8	E16-SCR -12512
14	1200	M10	E16-SCR -1412
14	1500	M10	E16-SCR -1415
15	1200	M10	E16-SCR -1512
15	1500	M10	E16-SCR -1515
16	1200	M10	E16-SCR -1612
16	1500	M10	E16-SCR -1615
20	1200	M12	E16-SCR -2012
20	1500	M12	E16-SCR -2015

ACCESSORIES FITTINGS FOR SOLID COPPER ROD

Driving Head – Mild Steel Made

Driving Tip – Mild Steel Made

Coupling Dowel – Copper Made



Driving Head

Coupling Dowel

Driving Tip

Size	Driving Head	Coupling Dowel	Driving Tip
M8	E17-DH-8	E17-CD-8	E17-DT-8
M10	E17-DH -10	E17-CD-10	E17-DT-10
M12	E17-DH -12	E17-CD-12	E17-DT-12
	ADH-10		

GALVANISED STEEL EARTH ROD

Galvanised Steel Earth Rods are made up of high Strength low carbon steel and hot dip galvanized. This design of the rod is actually cost effective option for earthing.



*Above rod can also be supplied as per customer specification.

Rod Size "S"	Length	Product Code
1/2"/12.5mm	1500(5ft)	E18-GSER-1215
1/2"/12.5mm	1800(6ft)	E18-GSER-1218
1/2"/12.5mm	2400(8ft)	E18-GSER-1224
5/8"/14.2mm	1800(6ft)	E18-GSER-1418
5/8"/14.2mm	2400(8ft)	E18-GSER-1424
5/8"/14.2mm	3000(10ft)	E18-GSER-1430
3/4"/17.2mm	2400(8ft)	E18-GSER-1724
3/4"/17.2mm	3000(10ft)	E18-GSER-1730
1" /23.1mm	3000(10ft)	E18-GSER-2330

FITTINGS

Copper alloy clamps are made from Bronze / Gunmetal / High Strength Copper Alloy body which give strong resistance to corrosion.

Following are the range of clamps we offer- Fasteners are made from high strength Copper Alloy / Steel / StainlessSteel.

Earth Rod Clamp - (A Clamp Small) Suitable For Rod Dia. 12mm



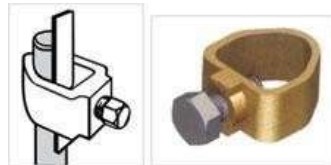
Product Code-E04-ERC -1

Size	MaxCond. Size	Product Code
5/8"/16	35	E04-OC-1
5/8"/16	70	E04-OC-2
3/4"/20	95	E04-OC-3

"O" Clamp

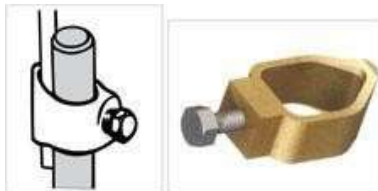


Rod To Tape Clamp-A Type



Size	MaxCond. Size	Product Code
5/8"	26x12	E04-RTC-1
5/8"	40x12	E04-RTC-2
5/8"	51x12	E04-RTC-3

Rod To Cable Clamp-G Type



Size	Max Cond. Size	ProductCode
3/8"/9.5	35	E04-RCC-1
1/2"/12	50	E04-RCC-2
5/8"/16	35	E04-RCC -3A
5/8"/16	70	E04-RCC -3B
5/8"/16	95	E04-RCC -3C
3/4"/20	95	E04-RCC-4
1"/ 25	120	E04-RCC-5

Rod To Cable Lug Clamp-B Type

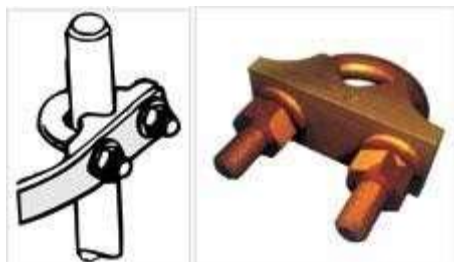


RodDia.	ProductCode
3/8" /9/5	E04-RCL-1
5/8" /16	E04-RCL-2
3/4" /20	E04-RCL-3

U -BOLTClamps

Material-
Plate-Gunmetal/Brass
U Bolt-Copper / Copper Alloy / StainlessSteel

U Bolt-RodClamp



Nominal RodDia.	Hole Centres mm	Product Code
5/8"	37	E05-URC -16
3/4"	37	E05-URC -20
1"	37	E05-URC -25
1.1/4"	43	E05-URC -32
1.1/2"	54	E05-URC -40
2"	64	E05-URC -50

U Bolt - Rod To TapeClamp



Nominal RodDia.	Tape Size mm	Product Code
5/8" /16	25	E05-URTC-16
3/4"/20	50	E05-URTC-20
1" / 25	50	E05-URTC-25

UBolt-RodToCableClamp-„GUV“

These are used for Connecting Rod to Cable.
Available with different Rod& Cablesize.



Nominal RodDia.	Conductor Range-mm2	Product Code
5/8"/16	16- 95	E05-URCCG-1
3/4"/20	16- 70	E05-URCCG-2
5/8"/16	70-185	E05-URCCG-3
5/8"/20	70-150	E05-URCCG-4

UBolt-RodToCableClamp-„SCE“

These are used for Connecting Rod to Cable.
Available with different Rod & Cablesize.



Nominal RodDia.	Conductor Range-mm2	Product Code
9.5	6- 35	E05-URCCS-1
14	16- 95	E05-URCCS-2
5/8"/16mm	16- 95	E05-URCCS-3
3/4"/20mm	70-300	E05-URCCS-4
1"/25mm	70-185	E05-URCCS-5

UBoltForRigidPipe&Cables-„PUB“

These U Bolts are used for universal parallel or 90degreecableconnection to rod or pipe



Nominal RodDia.	Product Code
3/8"	E05-URP-38
1/2"	E05-URP-12
3/4"	E05-URP-34
1-1/2"	E05-URP-112
2"	E05-URP-2

STAINLESS STEEL UNTHREADED ROD

Stainless steel ground rods are used to overcome many of the problems caused by galvanic corrosion which can take place between dissimilar metals buried in close proximity. Other advantage of stainless steel rod is that they are highly resistant to corrosion and much more anodic than copper.



*Stainless Steel Rod can also be supplied in Internally Threaded.

Diameter		Length		Packing	Product Code
Inches	MM	Feet	M		
5/8"	14.2	5"	1.5	10	E19-SSR -145
5/8"	14.2	8"	2.44	10	E19-SSR -148
5/8"	14.2	10"	3.05	10	E19-SSR -1410
3/4"	17.2	5"	1.5	5	E19-SSR -175
3/4"	17.2	10"	3.05	5	E19-SSR -1710
1.0"	23.1	10"	3.05	1	E19-SSR -2410

CROSS EARTH ROD- WITH FLAG / WITHOUT FLAG (IN GI Plated)

Cross Earth Rod, Hot Galvanised Steel with Holes of 11mm or 13mm.



Sizes	Length	Product Code	
		With Flag	Without Flag
50x50x3	1000	E20-CERF -10	E20-CERWF -10
50x50x3	1500	E20-CERF -15	E20-CERWF -15
50x50x3	2000	E20-CERF -20	E20-CERWF -20
50x50x3	2500	E20-CERF -25	E20-CERWF -25
50x50x3	3000	E20-CERF -30	E20-CERWF -30

"T" EARTH ROD

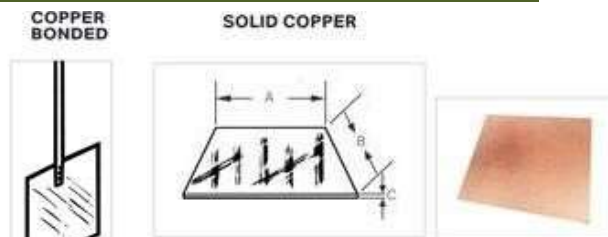
"T" Earth Rod with 2 holes of 13mm.



Sizes	Length	Product Code
50x50x7	1550	E20-TER - 155 -155
Sets of Hot Galvanised Bolts (2Bolts M12x53mm, 2Washers & 2Nuts)		

EARTH PLATES

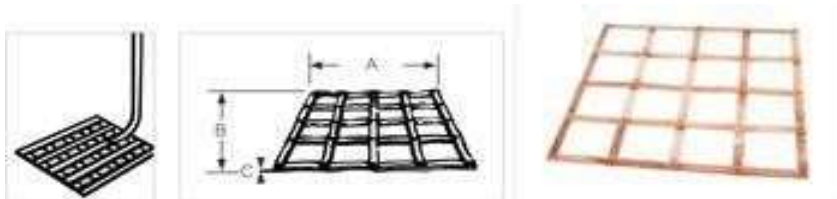
COPPER BONDED PLATE / SOLID COPPER PLATE



Material – Electrolytic Copper
Material – Steel

Size (A x B x C)	Product Code	Size (A x B x C)	Product Code
600x600x1.5	E02-CBP -615	600x600x1.5	E02-SCP -615
500x500x1.5	E02-CBP -515	600x600x3	E02-SCP -63
600x600x3	E02-CBP -63	600x600x5	E02-SCP -65
900x900x3	E02-CBP -93	500x500x3	E02-SCP -53
500x500x3	E02-CBP -53	500x500x5	E02-SCP -55
		900x900x3	E02-SCP -93
		900x900x5	E02-SCP -95
		1000x1000x3	E02-SCP -103
		1000x1000x5	E02-SCP -105

EARTH PLATE- LATTICE COPPER



Material – Electrolytic Copper

Size (A x B x C)	Product Code
600x600x3	E03-LCP -63
900x900x3	E03-LCP -93
500x500x3	E03-LCP -53



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AMIABLEIMPEX

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