

Copper Bonded Earth Rods



Nominal Size	Length mm	Thread Size	Rod Diameter mm	Unit Weight kg	Part Number
5/8"	1200 mm	5/8"	14.2 mm	1.53 kg	CER-01
5/8"	1500 mm	5/8"	14.2 mm	1.88 kg	CER-02
5/8"	1800 mm	5/8"	14.2 mm	2.29 kg	CER-03
5/8"	2400 mm	5/8"	14.2 mm	3.00 kg	CER-04
5/8"	3000 mm	5/8"	14.2 mm	3.79 kg	CER-05
3/4"	1200 mm	3/4"	17.2 mm	2.19 kg	CER-06
3/4"	1500 mm	3/4"	17.2 mm	2.73 kg	CER-07
3/4"	1800 mm	3/4"	17.2 mm	3.27 kg	CER-08
3/4"	2400 mm	3/4"	17.2 mm	4.35 kg	CER-09
3/4"	3000 mm	3/4"	17.2 mm	5.44 kg	CER-10

These Earth Rods are useful for installing a low earth resistance with a cost-effective solution. It has a low carbon, high tensile strength, steel core and pure copper is applied electrolytically and helps to establish metallurgical bond between the steel core and the copper. The threads are formed by a rolling process which ensures strength and maintains the molecularly bonded copper covering along the full length of the threads. Rolled threads are stronger than cut-threads.

Solid Copper Earthing Rods



Solid Copper Rods are made for solid copper bar and are internally threaded for joining. These Solid Copper Rods are used where high corrosion resistance is there for long life required.

Rod Diameter	Length mm	Thread Size	Unit Weight kg	Part Number
15 mm	1200 mm	M10	1.880 kg	SCER-01
16 mm	1500 mm	M10	2.670 kg	SCER-02
16 mm	1800 mm	M10	3.200 kg	SCER-03
16 mm	2400 mm	M10	4.300 kg	SCER-04
16 mm	3000 mm	M10	5.360 kg	SCER-05
20 mm	1200 mm	M10	3.350 kg	SCER-06
20mm	1500 mm	M10	4.200 kg	SCER-07
20mm	1800 mm	M10	5.100 kg	SCER-08
20mm	2400 mm	M10	6.710 kg	SCER-09
20mm	3000 mm	M10	8.400 kg	SCER-010
25mm	1200 mm	M12	5.250 kg	SCER-011
25mm	1500 mm	M12	6.550 kg	SCER-012
25mm	1800 mm	M12	7.860 kg	SCER-013
25mm	2400 mm	M12	10.500 kg	SCER-014
25mm	3000 mm	M12	13.100 kg	SCER-015

Stainless Steel Earth Rods



Rod Diameter mm	Length mm	Thread Size	Unit Weight kg	Part Number
16 mm	1200 mm	M10	1.870 kg	SSER-01
16 mm	1500 mm	M10	2.350 kg	SSER-02
16 mm	1800 mm	M10	2.850 kg	SSER-03
16 mm	2400 mm	M10	3.800 kg	SSER-04
16 mm	3000 mm	M10	4.750 kg	SSER-05
20 mm	1200 mm	M10	2.950 kg	SSER-06
20 mm	1500 mm	M10	3.710 kg	SSER-07
20 mm	1800 mm	M10	4.460 kg	SSER-08
20 mm	2400 mm	M10	5.960 kg	SSER-09
20 mm	3000 mm	M10	7.460 kg	SSER-10

Stainless Steel Earth Rod are made from Stainless Steel Bar and are internally threaded for jointing. They are highly resistant to corrosion.

Threaded Couplings



Thread Size	Length mm	Unit Weight kg	Part Number
1/2"	70 mm	0.07 kg	TC-01
5/8"	70 mm	0.09 kg	TC-02
3/4"	80 mm	0.14 kg	TC-03

Our high strength coupling are used for joining earth rods together. They facilitate deep driving and ensure continual contact between the rods both during and after installation. The coupling also protects the earth rod threads during installation with the driving head. Our couplings are manufactured from a high copper content alloy ensuring excellent corrosion resistance.

Threaded Driving Heads



Size	Length mm	Unit Weight kg	Part Number
1/2"	50 mm	0.07 kg	TDH-01
5/8"	54 mm	0.08 kg	TDH-02
3/4"	62 mm	0.13 kg	TDH-03

These Steel Threaded Driving Head protect Internal Thread of Copper Earth rod from Damage when it is driven into the ground.

Driving Heads



Diameter mm	Thread Size	Unit Weight kg	Part Number
16 mm	M10	0.03 kg	DH-01
20 mm	M10	0.06 kg	DH-02
25 mm	M12	0.10 kg	DH-03

These driving head protects the internal thread and the top of the copper earth rod from damage when being driven into the ground.

Driving Spikes



Diameter mm	Thread Size	Unit Weight kg	Part Number
16 mm	M10	0.030kg	DS-16
20 mm	M10	0.060kg	DS-20
25 mm	M12	0.095kg	DS-25

These Steel Driving Spikes are used to drive Copper Earth Rod easily into the Ground.

Coupling Dowels



Thread Size	Unit Weight kg	Part Number
M10	0.02 kg	CD-10
M12	0.04 kg	CD-12

These Coupling Dowels are used to join copper earth rod together.

Earth Rod To Tape Clamps (Type 'A')



Rod Diameter mm	Conductor Range mm2	Unit Weight kg	Part Number
14.2 mm	26x12mm	0.140kg	ERTCA-01
14.2 mm	31x12mm	0.170kg	ERTCA-02
14.2 mm	40x6mm	0.200kg	ERTCA-03
14.2 mm	50x6mm	0.210kg	ERTCA-04
16 mm	26x12mm	0.140kg	ERTCA-05
16 mm	31x12mm	0.170kg	ERTCA-06

These Rod to Tape Clamp are used to joining Earth Rods with different sizes of Copper Tapes. These Clamp is made from Copper Alloy and it is mechanically Strong.

Earthing



Earth Rod To Tape Clamps (Type 'A')



Rod Diameter mm	Conductor Range mm2	Unit Weight kg	Part Number
16 mm	51x12mm	0.210kg	ERTCA-07
17.2 mm	26x12mm	0.140kg	ERTCA-08
17.2 mm	31x12mm	0.170kg	ERTCA-09
17.2 mm	40x6mm	0.200kg	ERTCA-10
17.2 mm	51x12mm	0.210kg	ERTCA-11
20 mm	26x6mm	0.140kg	ERTCA-12

'U' Bolt Rod To Tape Clamps (Type 'E')



Single Plate U Bolt Rod to Tape Clamp (Type E)			
Rod Diameter mm	Tape Size	Unit Weight kg	Part Number
16 mm	25 mm	0.2 kg	UBC-01
25 mm	25 mm	0.2 kg	UBC-02
31 mm	25 mm	0.28 kg	UBC-03
38 mm	25 mm	0.28 kg	UBC-04
50 mm	25 mm	0.45 kg	UBC-05

These 'U' Bolt Clamps are used to connect Flat Copper Tapes to Earth Rods. These 'U' Bolt is also used to connect tapes in horizontal and vertical position on the rod. These Clamps is made from Copper Alloy with Solid Copper 'U' bolt.

Earthing



'U' Bolt Rod To Tape Clamps (Type 'E')



Double Plate U Bolt Rod to Tape Clamp (Type E)			
Rod Diameter mm	Tape Size	Unit Weight kg	Part Number
16 mm	25 mm	0.230 kg	UBC-06
25 mm	25 mm	0.230 kg	UBC-07
31 mm	25 mm	0.320 kg	UBC-08
38 mm	25 mm	0.320 kg	UBC-09
50 mm	25 mm	0.500 kg	UBC-10

Earth Rod To Cable Clamps (Type 'G')



Rod Diameter mm	Conductor Range mm2	Unit Weight kg	Part Number
14.2 mm	6-16 mm	0.05 kg	ERTCG-01
14.2 mm	16-70 mm	0.065 kg	ERTCG-02
14.2 mm	16-95 mm	0.065 kg	ERTCG-03
17.2 mm	16-95 mm	0.1 kg	ERTCG-04
17.2 mm	70-185 mm	0.2 kg	ERTCG-05

Earth Rod to Cable Clamp are used for joining Earth Rods with different size of Copper Conductor

Rod To Cable Clamps (Type 'O')

Rod Diameter mm	Conductor Range mm ²	Unit Weight kg	Part Number
14.2 mm	6-16 mm	0.05 kg	RCCO-01
14.2 mm	16-70 mm	0.052 kg	RCCO-02
17.2 mm	16-95 mm	0.065 kg	RCCO-03

These Clamps are used for joining earth rods to different sizes of Copper Conductor. These 'O' type Clamp are made from Brass.

'U'Bolt Clamp (Type 'PUB')

Size	Unit Weight kg	Part Number
1/2"	0.275 kg	PUB-01
3/4"	0.275 kg	PUB-02
1"	0.275 kg	PUB-03
1-1/2"	0.465 kg	PUB-04

'U'Bolt Clamp(Type 'PUB')

Size	Unit Weight kg	Part Number
2"	0.515 kg	PUB-05
2-1/2"	0.535 kg	PUB-06
3"	0.585 kg	PUB-07
4"	0.765 kg	PUB-08
6"	1.02 kg	PUB-09

These 'U'bolt Clamp 'PUB' type is used for large diameter of Pipe with Cable. These U bolt Clamp are made from Copper Alloy with Pure Copper U bolt.

'U' Bolt Rod To Cable Clamps (Type 'GUV')

Conductor Size mm	Unit Weight kg	Part Number
16-70 sqmm	0.330 kg	GUV-1670
70-185 sqmm	0.330 kg	GUV- 70185
150-300 sqmm	0.600 kg	GUV-150300

These 'U' Bolt Clamp is used to connect Copper Conductor to Earth Rods. These 'U' Bolt Clamps is made from Copper Alloy with Pure Copper 'U'bolt.

Re-Bar Clamps



Maximum Rebar Diameter mm	Rebar Range mm	Part Number
10 mm	6-10 mm	RBC-01
20 mm	10-20 mm	RBC-02
25 mm	20-25 mm	RBC-03
32 mm	25-32 mm	RBC-04
40 mm	32-40 mm	RBC-05

These Rebar Clamp is used to Connect Rebar to Rebar or Rebar to Cable. These Rebar Clamp is made of Copper Alloy with Stainless Steel Bolt.

Split Connector Clamps



Rod Diameter mm	Unit Weight kg	Part Number
15 mm	0.22 kg	SCC-01
16 mm	0.26 kg	SCC-02
20 mm	0.30 kg	SCC-03

The Split Connector Clamps are used to connect Cable Lugs into Earth Rods. These Clamps are Suitable for all the sizes of Earth Rods. These Clamps are made from Copper Alloy with Brass or Stainless Steel Bolts and Nuts.

Copper Bonded Earth Plates



Size mm	Unit Weight kg	Part Number
300x300x3 mm	0.200 kg	CBEP-01
500x500x1.5 mm	2.950 kg	CBEP-02
500x500x3 mm	5.85 kg	CBEP-03
600x600x1.5 mm	4.300 kg	CBEP-04
600x600x3 mm	8.600 kg	CBEP-05
900x900x3 mm	19.100 kg	CBEP-06
1000x1000x3 mm	24.000 kg	CBEP-07
1200x1200x3 mm	35.000 kg	CBEP-08

Earthing Plates are used as a part of Earthing Network. They Provide Long lasting solution where Earth Rods are unsuitable. Earthing Plates are made of Solid Copper or MS Copper Bonded.

Solid Copper Earth Plate



Size mm	Unit Weight kg	Part Number
600 x 600 x 1.5 mm	4.800 kg	SCEP - 01
600 x 600 x 3 mm	9.600 kg	SCEP - 02
900 x 900 x 1.5 mm	10.800 kg	SCEP - 03
900 x 900 x 3 mm	21.600 kg	SCEP - 04

Earthing Plates are used as a part of Earthing Network. They Provide Last lasting solution where Earth Rods are unsuitable. Earthing Plates are made of Solid Copper or MS Copper Bonded.

Solid Copper Lattice Mats



Size mm	Unit Weight kg	Part Number
600 x 600 x 3 mm	4.0 kg	SCLP-01
900 x 900 x 3 mm	7.2 kg	SCLP-02

Solid Copper Lattice Mats are used where step potential could cause problem. These are most economical option to installing Solid Copper Earth Plate. These is made of Copper Tapes.

Concrete Earth Inspection Pit



Unit Weight kg	Part Number
35.000kg	CEIP 01

The Concrete Inspection Pit is load rated and is suitable for most types of Earthing and Lightning Protection Installation.

Earth Bonding Points



No. Holes	Unit Weight kg	Part Number
1 hole	0.300 kg	EBP-01
2 hole	0.470 kg	EBP-02
4 hole	0.600 kg	EBP-03

Solid Copper Lattice Mats are used where step potential could cause problem. These are most economical option to installing Solid Copper Earth Plate. These is made of Copper Tapes.

Earth Bars



Earth brass			
No. Terminations	Length mm	Width mm	Part Number
6	400 mm	90 mm	EB-006
8	500 mm	90 mm	EB-008
10	650 mm	90 mm	EB-010
12	750 mm	90 mm	EB-012
14	850 mm	90 mm	EB-014
16	950 mm	90 mm	EB-016
18	1100 mm	90 mm	EB-018
20	1250 mm	90 mm	EB-020
22	1300 mm	90 mm	EB-022
24	1400 mm	90 mm	EB-024
26	1550 mm	90 mm	EB-026
28	1650 mm	90 mm	EB-028
30	1800 mm	90 mm	EB-030

Earth Bars



Earth Bars With Single Disconnecting Link			
No. Terminations	Length mm	Width mm	Part Number
6	485 mm	90 mm	EB-106
8	585 mm	90 mm	EB-108
10	735 mm	90 mm	EB-110
12	835 mm	90 mm	EB-112
14	935 mm	90 mm	EB-114
16	1035 mm	90 mm	EB-116
18	1185 mm	90 mm	EB-118
20	1335 mm	90 mm	EB-120
22	1385 mm	90 mm	EB-122
24	1485 mm	90 mm	EB-124
26	1635 mm	90 mm	EB-126
28	1735 mm	90 mm	EB-128
30	1885 mm	90 mm	EB-130

Earth Bars

Earth Bar With Double Disconnecting Link			
No. Terminations	Length mm	Width mm	Part Number
6	550 mm	90 mm	EB-206
8	650 mm	90 mm	EB-208
10	800 mm	90 mm	EB-210
12	900 mm	90 mm	EB-212
14	1000 mm	90 mm	EB-214
16	1100 mm	90 mm	EB-216
18	1250 mm	90 mm	EB-218
20	1400 mm	90 mm	EB-220
22	1450 mm	90 mm	EB-222
24	1550 mm	90 mm	EB-224
26	1700 mm	90 mm	EB-226
28	1800 mm	90 mm	EB-228
30	1950 mm	90 mm	EB-230



Earth Bars are available in Variety of Sizes and Specification. We Manufacture as per Customer Requirement also.

Split Bolt Connectors

Main Conductor mm2	Tap Conductor mm2	Unit Weight kg	Part Number
10 mm	1.5-10 mm	0.02 kg	SBC-01
16 mm	2.5-16 mm	0.03 kg	SBC-02
25 mm	2.5-25 mm	0.04 kg	SBC-03
35 mm	2.5-35 mm	0.05 kg	SBC-05
50 mm	2.5-50 mm	0.08 kg	SBC-06
70 mm	2.5-70 mm	0.12 kg	SBC-07
95 mm	2.5-95 mm	0.15 kg	SBC-08
120 mm	10-120 mm	0.18 kg	SBC-09
150 mm	10-150 mm	0.23 kg	SBC-10
185 mm	50-185 mm	0.35 kg	SBC-11
240 mm	95-240 mm	0.46 kg	SBC-12



These High Strength Split Bolt Connector will accept a wide range of Stranded or Solid Circular Conductor. These Split Bolt are made of High Strength Copper Alloy.

Earth Boss



Thread Size	Length mm	Diameter mm	Part Number
M10	40 mm	40 mm	EB-01
M10	50 mm	50 mm	EB-02

These Earth Boss is designed to Provide an earth point on steel structure. These Earth Boss are made of Mild Steel with Stainless Steel Stud, Nuts and Washer.

Flexible Copper Braid Bonds



Size W x H mm	Unit Weight kg	Part Number
15x1.4 mm	0.4 kg	FCBB-01
25x3.5 mm	0.7 kg	FCBB-02

These Flexible Copper Braid Bonds are used for bonding metal gates etc.

Static Earth Receptacle



Height mm	Diameter mm	Unit Weight kg	Part Number
135 mm	125 mm	6.500 kg	SER-01

Provides a Static Earth Point when attached to the top of Threaded Copper Bonded Earth Rods. These are made from High Grade Copper Alloy.

Eye Bolt



Thread Size	Unit Weight kg	Part Number
5/8"	0.62 kg	EB-01
3/4"	0.55 kg	EB-02

Screws Direct into a Copper Bonded Grounding Rod, offering an Earth Point for Boats, Trucks etc. These Eye Bolt is made from Copper Alloy.

Copper C Crimp Connector



Conductor Size Sqmm	Part Number
10 sqmm	CCC- 10
16 sqmm	CCC-16
25 sqmm	CCC-25
35 sqmm	CCC-35
50 sqmm	CCC-50
70 sqmm	CCC-70
95 sqmm	CCC-95
120 sqmm	CCC-120
150 sqmm	CCC-150
185 sqmm	CCC-185
240 sqmm	CCC-240

These C Crimp Connector are specifically designed for tap and parallel connection of stranded copper cable in earthing application. These connector are made of Pure Copper.

Jointing Clamps



Conductor Size	Unit Weight kg	Part Number
8 mm	0.170 kg	JC-01

Rod To Cable Lug Clamps



Rod Diameter mm	Unit Weight kg	Part Number
3/8"	0.100 kg	RCLC-01
5/8"	0.200 kg	RCLC-02
3/4"	0.300 kg	RCLC-03

Screws Direct into a Copper Bonded Grounding Rod, offering an Earth Point for Boats, Trucks etc. These Eye Bolt is made from Copper Alloy.