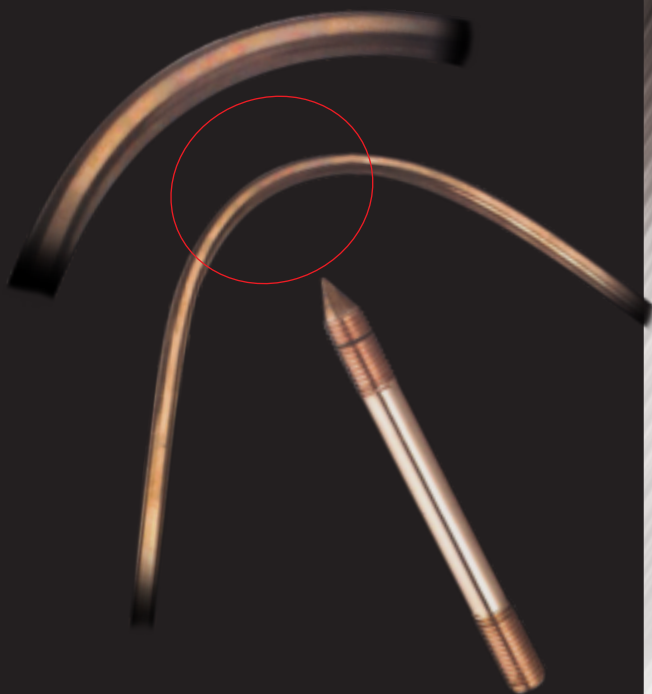




Earthing Systems

Inspection Method

- Micron test for thickness
- No crack on bend test
- No stretch



**Copper Bonded
Grounding Rods**



Dimension Rod Size Dia X Length	Actual Rod Dia	Thread Dia	Cat. No.
9.5 X 1200 (Un-threaded)	9.5	--	CER-012
9.5 X 1800 (Un-threaded)	9.5	--	CER-018
14 X 1200	12	14	CER-1412
14 X 1500	12	14	CER-1415
14 X 1800	12	14	CER-1418
14 X 2000	12	14	CER-1420
14 X 2400	12	14	CER-1424
5/8"X 4' or 16mm X 1200	14.2	5/8"	CER-1612
5/8"X 5' or 16mm X 1500	14.2	5/8"	CER-1615
5/8"X 6' or 16mm X 1800	14.2	5/8"	CER-1618
5/8"X 8' or 16mm X 2400	14.2	5/8"	CER-1624
5/8"X 10' or 16mm X 3000	14.2	5/8"	CER-1630
5/8"X 4' or 16mm X 1200	16	5/8"	CER- 412
5/8"X 5' or 16mm X 1500	16	5/8"	CER- 515
5/8"X 6' or 16mm X 1800	16	5/8"	CER- 615
3/4"X 4' or 20mm X 1200	17.2	3/4"	CER-1712
3/4"X 5' or 20mm X 1500	17.2	3/4"	CER-1718
3/4"X 8' or 20mm X 2400	17.2	3/4"	CER-1724
3/4"X10' or 20mm X 3000	17.2	3/4"	CER-1730

**Solid Copper
Grounding Rod & Accessories**



ROD DETAILS	Diameter	Length	Cat. No.
	15mm	1200mm	CSCR-1512
	16mm	1200mm	CSCR-1612
	20mm	1200mm	CSCR-2012
ITEM	Size		Cat. No.
Driving Head	15mm		CDH-015
	16mm		CDH-016
	20mm		CDH-020
Driving Tip	15mm		CDT-015
	16mm		CDT-016
	20mm		CDT-020
Internal	M10		CCD-015
Coupling	M10		CCD-016
Dowel	M10		CCD-020

Coupler



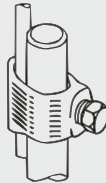
Material : Naval brass

SIZE	CAT. NO.
14 mm.	CC 14
16 mm. or 5/8"	CC 16
20 mm. or 3/4"	CC 20

**Rod to Cable Clamp
G Type**



Material : Gunmetal or Naval brass

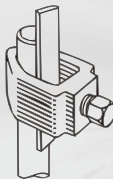


ROD DIA. (inch)	CONDUCTOR SIZE	CAT. NO.
3/8"	6 - 35 mm ²	CCG 101
1/2"	16 - 50 mm ²	CCG 102
5/8"	16 - 70 mm ²	CCG 103
3/4"	35 - 95 mm ²	CCG 104
1"	70 - 120 mm ²	CCG 105

**Rod to Cable Clamp
A Type**



Material : Gunmetal or Naval brass



ROD DIA. (inch)	MAX. CONDUCTOR SIZE	CAT. NO.
1/2"	26 X 12 mm.	CCA 011
5/8"	26 X 12 mm.	CCA 12
3/4"	26 X 10 mm.	CCA 013
1"	26 X 10 mm.	CCA 014

Earth To Cable Clamp



Material : Gunmetal or Naval brass

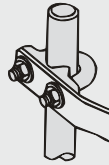


SIZE	CAT. NO.
14 mm.	CCC 14
16 mm	CCC 16
20 mm	CCC 20

U-Bolt Single Clamp



Material : Gunmetal or Brass

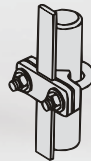


SIZE	CAT. NO.
16 mm.	CUSC - 016
25 mm.	CUSC - 025
31 mm.	CUSC - 031
38 mm	CUSC - 038
50 mm	CUSC - 050

**U-Bolt Rod to Cable Clamp
Bulldog Clamp**

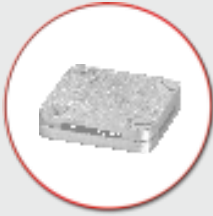


Material : Gunmetal or Brass

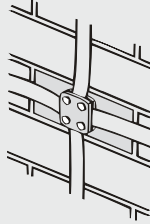


SIZE	CAT. NO.
16 mm.	CUBC - 016
25 mm.	CUBC - 025
31 mm.	CUBC - 031
38 mm	CUBC - 038
50 mm	CUBC - 050

Square Tape Clamp



Material : Gunmetal or Naval brass

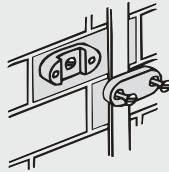


SIZE	CAT. NO.
25 x 3 mm	CSTC 253
25 x 6 mm	CSTC 256
38 x 6 mm	CSTC 386
50 x 6 mm	CSTC 506

DC Tape Clip



Material : Gunmetal or Brass

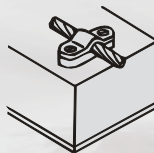


Conductor Size mm	Cat. No.	Conductor Size mm	Cat. No.
38 x 3	CDC-383	38 x 5	CDC-385
20 x 3	CDC-203	38 x 6	CDC-386
25 x 3	CDC-253	50 x 3	CDC-503
25 x 6	CDC-256	50 x 4	CDC-504
31 x 3	CDC-313	50 x 6	CDC-506
31 x 6	CDC-316		

Air Rod DC Clip



Material : Gunmetal or Brass

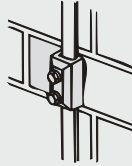


CONDUCTOR SIZE	CAT. NO.
8	CADCG-08
10	CADCG-10

Oblong Test Clamp



Material : Gunmetal



C to ONDUCTOR SIZE	CAT. NO.
25 x 3	COTG-253
38 x 6	COTG-386
50 x 6	COTG-506

Plate Type Test Clamp



Material : Gunmetal or Brass

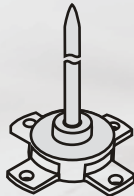


CONDUCTOR SIZE mm	CAT. NO.
26 x 12	CPCG-2612

**Light Duty Saddle / Air Terminal
Base / Lightning Arrester**

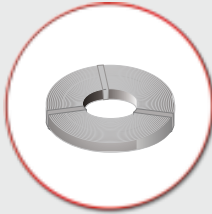


Material : Gunmetal or Brass



THREAD DIAMETER mm	Maximum Conductor Width mm	Material Gunmetal Cat. No.
10	25	CGS-10
16	25	CGS-16
20	25	CGS-20

Flat Copper Tape



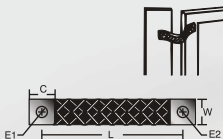
Material : E. C. Grade copper tape

CONDUCTOR SIZE	CAT. NO.
12mm	CFCT 012
20mm	CFCT 020
25mm	CFCT 025
38mm	CFCT 038
50mm	CFCT 050

Flexible Braid Bond



Material : E. Copper
Finish Copper / Electro tinned



Product Ref.	Conductor Size Mm ²	Dimensions mm					
		L	E1	E2	C	W	AMP
CFB4-50	4	50	6	6	10	10	50
CFB4-100		100	6	6	10	10	50
CFB4-150		150	6	6	10	10	50
CFB4-200		200	6	6	10	10	50
CFB10-50	10	50	6	6	12	12	90
CFB10-100		100	6	6	12	12	90
CFB10-150		150	6	6	12	12	90
CFB10-200		200	6	6	12	12	90
CFB16-100	16	100	8,5	8,5	20	20	125
CFB16-150		150	8,5	8,5	20	20	125
CFB16-200		200	8,5	8,5	20	20	125
CFB16-250		250	8,5	8,5	20	20	125
CFB16-300		300	8,5	8,5	20	20	125
CFB25-100	25	100	10	10	25	25	160
CFB25-150		150	10	10	25	25	160
CFB25-200		200	10	10	25	25	160
CFB25-250		250	10	10	25	25	160
CFB25-300		300	10	10	25	25	160
CFB30-100	30	100	10	10	25	25	180
CFB30-150		150	10	10	25	25	180
CFB30-200		200	10	10	25	25	180
CFB30-250		250	10	10	25	25	180
CFB30-300		300	10	10	25	25	180
CFB35-100	35	100	10	10	25	25	210
CFB35-150		150	10	10	25	25	210
CFB35-200		200	10	10	25	25	210
CFB35-250		250	10	10	25	25	210
CFB35-300		300	10	10	25	25	210
CFB50-100	50	100	12	12	30	30	250
CFB50-150		150	12	12	30	30	250
CFB50-200		200	12	12	30	30	250
CFB50-250		250	12	12	30	30	250
CFB50-300		300	12	12	30	30	250

Taper Pointed Air Rod



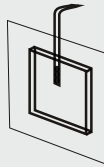
Material : Solid E. C. Grade copper or bonded rod

ROD LENGTH	THREAD SIZE	Solid E. C. Grade Copper Rod Cat. No.	Bonded Rod Cat. No.
300	16	CSCA-163	CBRA-163
500	16	CSCA-165	CBRA-165
1000	16	CSCA-1610	CBRA-1610
1500	16	CSCA-1615	CBRA-1615
500	20	CSCA-205	CBRA-205
1000	20	CSCA-2010	CBRA-2010

Copper Bonded Earth Plate



Material : E. C. Grade copper plate



SIZE	CAT. NO.
500 x 500 x 1.5	CBEP 515
600 x 600 x 1.5	CBEP 615
500 x 500 x 3	CBEP 503
600 x 600 x 3	CBEP 603
900 x 900 x 3	CBEP 903
500 x 500 x 5	CBEP 505
600 x 600 x 5	CBEP 605

Flexible Copper Braid



Material : E. C. Grade copper wire

CONDUCTOR SIZE	CAT. NO.
25 x 3.5mm	CFCB-253

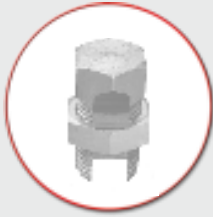
Copper Bar



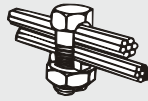
Material : E. C. Grade copper

Conductor Size	Thickness mm	Cat. No.
25mm	3, 6, 10	CCB - 025
38mm	3, 6, 10	CCB - 038
50mm	3, 6, 10	CCB - 050
70mm	3, 6, 10	CCB - 070

**Brass Split Bolt Connectors/
Line Tapes**



Material : E. C. Grade copper plate



Calter manufactures vast rang of LINE TAPS to meet international standards. BRASS LINE TAPS made with Tensile Brass and threads are formed by rolling process.

Conductor Size	Cat. No.
10	CSBC 10
16	CSBC 16
25	CSBC 25
32 - 25	CSBC 32
50	CSBC 50
70	CSBC 70
95	CSBC 95
100	CSBC 100
120	CSBC 120
150	CSBC 150
185	CSBC 185
240	CSBC 240
300	CSBC 300
400	CSBC 400
500	CSBC 500

Earth Blocks



Material : Naval brass
Surface Bright nickle

Type	CAT. NO.
4 way	CEB-04
8 way	CEB-08

Earth Boss

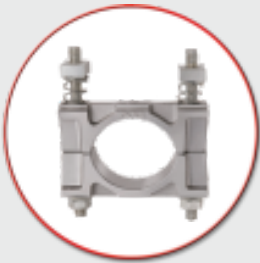


Earth Boss are manufactured from High Tensile Mild Steel, zinc plated to avoid corrosion.
Supplied with SS/Phosphor bronze studs, bolts, spring and plain washer

Material : Mild steel

Length mm	Dia mm	Thread Dia	Cat Ref
30	38	3/8"	CEB-30
50	50	1/2"	CEB-50

Cable Cleat Clamp



Material : Al. Alloy LM6
BS: 1490
Stainless steel bolt with nut plain and spring washer
Liner: Rubber

Size	Cat. No.
H50-60	C50-60
H60-70	C60-70
H70-80	C70-80
H80-90	C80-90
H90-100	C90-100

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ONE BRAND - MULTI PRODUCTS



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