

Aluminium Tape

- Bare Aluminium tape to BS 2898-1350

PART NO.	PVC Colour	Size (mm)	Coil Size (m)
BAT253-25	Bare	25 x 3	25

Available by the metre in pre-cut lengths

Earth Rod Inspection Boxes

Used to allow access to the connection between the earth rod and conductor. Concrete pits are used when heavier loads are expected.

PART NO.	Size (mm)
----------	-----------

GEB-UK	95w x 95l x 55d
GEB (for Irish market)	95w x 95l x 55d

PART NO.	
EIP-PL	PLASTIC

PART NO.	
EIP-CON	CONCRETE

Braided Earth Straps & Lead Assemblies

Braided Earth Straps & Lead Assemblies made to order to suit all requirements or to your specifications.

When placing an enquiry, please supply details of:

- Cross sectional area of cable or braid (inc. voltage or amp rating)
- Terminals or stud hole dimensions required
- Required hole centre to hole centre dimensions
- Any special requirements - such as restricted palm width for terminals

Make the right connection call us now

SWA strives to continually improve the effectiveness of our Quality, Environmental and H & S Management Systems through continual review and monitoring of objectives and targets.

SWA Information & Sales : 01453 844333

Abbey Mills, Charfield Road, Kingswood, Wotton Under Edge, Glos. GL12 8RL
All the right connections!® e: sales@swaonline.co.uk w: www.swaonline.co.uk



Flexible Flat Tinned Copper Earthing Braid

- Typical Uses :
- Earthing connections
 - Power interconnection
 - Lightning protection

PART NO.	Current Rating Amps	Nominal CSA mm ²	Nominal Dimensions mm	Reel Qty (m)
BRDPL30	30	1.7	4 x 0.75	50
BRDPL60	63	7.5	10 x 1.5	50
BRDPL100	90	10	14 x 1.5	50
BRDPL125	125	16	19 x 2.0	50
BRDPL200	200	35	25 x 3.5	50
BRDPL60-INS	63	7.5	10 x 1.5	50
BRDPL100-INS	90	10	14 x 1.5	50

Earth Clamp Set

- Ideal for radiators, sinks units, ducting and display units
- Easy to install, versatile, safe and reliable
- Packs comprise of:
 - 10 clamps,
 - 10 ties,
 - 10 safety labels and
 - 1 allen key

PART NO.	Pack Quantity
ECS-10	10

Earth Terminal Blocks

Four and eight way Earth Terminal Blocks manufactured from Brass Casting with a Nickel plated finish.

PART NO.	Cable Entry Hole Diameters		Length (mm)	Width (mm)
4TB	1 x 6.5mm	3 x 5.5mm	54	19
8TB	2 x 6.5mm	6 x 5.5mm	88	19

Ready for the 18th Edition?

Choose SWA Earthing products



SWA

All the right connections!®

Ref: SWAEP12.17-2500

"A correctly designed and installed earthing system provides a reliable safeguard to both lives and equipment by ensuring that any fault current is directed away from a structure and dissipated into the earth".

A good earth connection should have :

- Low electrical resistance to earth
- Good corrosion resistance
- The ability to carry the required current repeatedly

SWA earthing products ensure quality and simplicity for quick and easy installation.

EarthingNuts™

A revolutionary way to terminate metal cable glands

- Replaces the traditional 'banjo' earth-tag and lock-nut
- Unique cutting teeth bite into the wall box so that the gland can be tightened with one tool from the outside
- Teeth provide voltage equalising connection to EMI shielding
- No extra drilling required - time savings of up to 60% over conventional methods, without compromising the enclosure IP rating
- Enables a direct high integrity connection for protective earthing



PART NO.	To suit thread (mm)	Pack Qty
BELN20-PK2	20	2
BELN20-PK10	20	10
BELN25-PK2	25	2
BELN25-PK10	25	10
BELN32-PK2	32	2
BELN40-PK1	40	1
BELN50-PK1	50	1
BELN63-PK1	63	1
BELN75-PK1	75	1

Supplied with grub screw(s), connecting bolt (and Allen key with 20mm & 25mm nuts)

Terminal Kit Box - EK1016

Terminal Kit Box complete with hand ratchet crimp tool and a selection of 10mm² and 16mm² copper tube terminals.



Copper Alloy Clamps

Made from copper alloy to provide a strong resistance to corrosion.

ROD TO TAPE CLAMP

PART NO.	Size (mm)	Max Conductor
ERTC16	16 x (5/8")	26 x 12

ROD TO CABLE CLAMP

PART NO.	Size (mm)	Max Conductor
ERCC95	9.5 x (3/8")	35mm ²
ERCC16	16 x (5/8")	50mm ²

ROD TO CABLE LUG CLAMP

PART NO.	Size (mm)	Max Conductor
ERCLC95	9.5 x (3/8")	35mm ²
ERCLC16	16 x (5/8")	50mm ²

Copper Bonded Earth Rod

Manufactured from low carbon steel of grade BS 970 or AISI 1018 with a high tensile strength of at least 600N/mm².



Solid copper rods are available on request

PART NO.	Rod Size Dia. x Length (mm)	Rod Dia. 'S' (mm)	Thread Dia. 'T' (mm)
CER95-1200	9.5 x 1200	9.5 (3/8")	Unthreaded
CER16-1200	16 x 1200	14.2 (5/8")	16 (5/8")

Driving Stud

Made from high tensile steel and used to drive the earth rod into the ground.

PART NO.	Size (mm)
ERDS16	16 (5/8")

Coupler

Counter bored to enclose threads and protect from damage and corrosion, manufactured in Gunmetal.

PART NO.	Size (mm)
ERC16	16 (5/8")

DC Tape Clip

Used for supporting bare copper tape and made of brass.

PART NO.	Conductor Size (mm)
ETC253	25 x 3
ETC253-ALU	25 x 3
ETC506	50 x 6

Square Tape Clip

PART NO.	Conductor Size (mm)
ESTC253	25 x 3
ESTC506	50 x 6



Oblong Test Clamp

Used for supporting bare copper tape.

PART NO.	Conductor Size (mm)
EOTC253	25 x 3
EOTC506	50 x 6



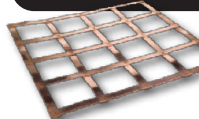
Plastic DC Clip

Made from high impact PVC.

PART NO.	Conductor Size (mm)
EPTC253-GREY	25 x 3
EPTC253-GREEN	25 x 3
EPTC253-BROWN	25 x 3



Earth Plate - Lattice Copper



PART NO.	Size (mm)
ELC600-3	600 x 600 x 3
ELC900-3	900 x 900 x 3

Earth Clamps

- Safety clamps
- Manufactured in brass for indoor use or phosphor bronze for outdoor use
 - Manufactured to BS 951:2009
 - Embossed tags 'safety electrical connection do not remove'



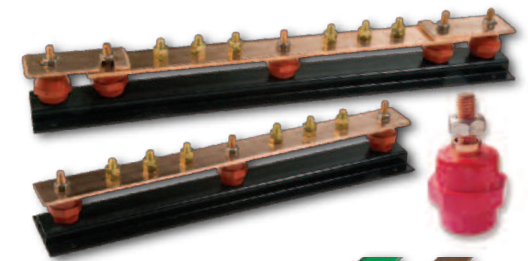
PART NO.	Tag Colour	Description	Box Qty
SEC14	Red	Indoor use - dry, non corrosive to suit pipe dia. 12-32mm	25
SEC14/3	Red	Indoor use - dry, non corrosive to suit pipe dia. 50-75mm	20
SEC15	Blue	For corrosive, humid conditions to suit pipe dia. 12-32mm	25
SEC15/3	Blue	For corrosive, humid conditions to suit pipe dia. 50-75mm	20
SEC16	Green	For corrosive, humid conditions to suit pipe dia. 12-32mm	25
SEC16/3	Green	For corrosive, humid conditions to suit pipe dia. 50-75mm	20

Earth Bars and Disconnecting Links

Bar: 50mm x 6mm hard drawn copper bar to BS EN 13601
Base: Plastic. Fitting: M10 hexagon head screws.
Current capacity: 700 - 800 amps.

PART NO.	Description	Length (mm)	Width (mm)
IRHI	Insulated red hexagonal adaptor	-	-
EDL	Disconnecting Link	125	90
EDL4-EB	Four way earth bar	420	90
EDL4-S	Four way earth bar with single disconnecting link	475	90
EDL6-S	Six way earth bar with single disconnecting link	575	90
EDL6-T	Six way earth bar with twin disconnecting link	650	90
EDL6-EB	Six way earth bar	520	90
EDL8-S	Eight way earth bar with single disconnecting link	585	90
EDL8-T	Eight way earth bar with twin disconnecting link	670	90
EDL10-S	Ten way earth bar with single disconnecting link	735	90
EDL10-T	Ten way earth bar with twin disconnecting link	820	90
EDL12-S	Twelve way earth bar with single disconnecting link	835	90
EDL12-T	Twelve way earth bar with twin disconnecting link	920	90

N.B. Other combinations available on request.



Copper Tape

- High conductivity copper tape to BS 1432-C101/C103
- Available in bare copper or PVC insulated

PART NO.	PVC Colour	Size (mm)	Coil Size (m)
BCT253-25	Bare	25 x 3	25
BCT253-50	Bare	25 x 3	50
BCT506-25	Bare	50 x 6	25
GECT253-25	Green	25 x 3	25
BROECT253-25	Brown	25 x 3	25
GRYECT253-25	Grey	25 x 3	25

Available by the metre in pre-cut lengths