



|                      |   |
|----------------------|---|
| Product Name         | Copper Earth Rod                            |
| Product Code         | ER-SC                                       |
| Application          | Grounding/Earthing And Lightning Protection |
| Applicable Standards | IEC/BS EN 62561   BS 7430                   |

| Product Information   |         |
|-----------------------|---------|
| Yield Strength (Mpa)  | 82-85   |
| Elongation (%)        | 12      |
| Ultimate Stress (Mpa) | 168-172 |

| Chemical Composition |        |        |        |        |      |
|----------------------|--------|--------|--------|--------|------|
| AL                   | Si     | P      | S      | Fe     | Cu   |
| <0.02%               | <0.01% | <0.01% | <0.01% | <0.02% | Rem. |

According to ASTM B152 99.90min Cu Value

| Thread Method | Internal Threads |             |        |
|---------------|------------------|-------------|--------|
| Dimensions    |                  |             |        |
| Thread        | Diameter         | Length (mm) | ≈ (In) |
| M12           | 16mm             | 500 mm      | 20     |
| M12           | 16mm             | 1000 mm     | 40     |
| M12           | 16mm             | 1200 mm     | 47     |
| M12           | 16mm             | 1500 mm     | 60     |
| M12           | 16mm             | 2000 mm*    | 78     |
| M12           | 16mm             | 2400 mm*    | 96     |
| M12           | 16mm             | 3000 mm*    | 120    |
| M12           | 20mm             | 500 mm      | 20     |
| M12           | 20mm             | 1000 mm     | 40     |
| M12           | 20mm             | 1200 mm     | 47     |
| M12           | 20mm             | 1500 mm     | 60     |
| M12           | 20mm             | 2000 mm*    | 78     |
| M12           | 20mm             | 2400 mm*    | 96     |
| M12           | 20mm             | 3000 mm*    | 120    |

Notes\*  
 Star(\*) Marked Length are not recommended due to low strength of Copper Rods (potential of bending while driving rods)

|                      |   |
|----------------------|---|
| List Of Accessories: | Driving Stud (DS) – Driving Head (DH) –<br>Coupling (CO) – Wire to Rod Clamp (RWC) – UClamp(UC) –<br>Earth Inspection Pit (EIP) - |
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