| PETUNIA INVISIBLE PROTECTION | **CATHODIC PROTECTION DATA SHEET**<br>**Material/Equipment**<br>Sacrificial Aluminium Anode | **Doc. No.: CP-DSH-ZNA**<br>**Rev.: D00** |
|---|---|---|

| | | | |
|---|---|---|---|
| **ANODE TYPE** | Zinc anode | | |
| **RELEVANT STANDARDS** | ✓ MIL-A-18001J | | |
| **SHAPE** |  | | |
| **Anode Dimensions** | L x W x H : | 305 x 76 x 36 | mm |
| **WEIGHT** | Net Weight: | 5 | Kg |
| | Gross Weight: | | Kg |

**COMPOSITION**

| element | composition |
|---|---|
| Zinc (Zn) | reminder |
| Aluminium (Al) | 0.1-0.5% |
| Copper (Cu) | 0.005% Max. |
| Lead (Pb) | 0.006% Max. |
| Iron (Fe) | 0.005% Max. |
| Cadmium (Cd) | 0.025-0.07% Max. |

**INSPECTION AND TEST**

✓Visual Inspection against any metallurgical defects

✓Anode to cable resistance test

✓weighting of anode with & without backfill

| | | | |
|---|---|---|---|
| **Electrical Specification** | Efficiency: | 90 | (%) |
| | Current Capacity (Min): | 780 | Ah/Kg |
| | Potential:<br>(Respect to Cu/CuSo4 reference electrode) | -1.1 | V |
| | Consumption Rate | 11.2 | Kg/Amp-Year Max |