

## Anode Engineering Permanent Reference Cell Datasheet



Introducing Anode Engineering's range of permanent installation reference cell: The range consist of three standard cells to suit almost any application - the Copperhead®, the Barramundi® and the Scorpion®.

Each cell has a shelf life of around 5 years, and comes with a 10 year service life guarantee. In normal service conditions, our cells have a common life expectancy of more than 20 years.

Our new range of Barramundi® and Copperhead® cells features a world class electrode combined with a solution encased in a new ultra-strong ceramic body to ensure your cell performs in all service conditions.





Installation of our permanent reference cells is extremely easy and can be guided by our installation instructions provided.

Each cell comes with a certificate of calibration to certify they will perform as intended.

All reference cells are calibrated against a stable half-cell under laboratory conditions and must pass our certification process in order to be supplied with our 10 year service life guarantee stamp.



## Technical Specifications

	Copperhead®	Barramundi®		Scorpion®
				
<i>Part Number</i>	<b>#AEPRC155</b>	<b>#AEPRS082</b>	<b>#AEPRS205</b>	<b>#AEPRZ170</b>
<i>Electrode Element</i>	Copper	Silver/Silver Chloride	Silver/Silver Chloride	Stabilised Zinc
<i>Electrolyte</i>	Saturated Copper Sulphate	Potassium Chloride	Potassium Chloride	Gypsum Bentonite
<i>Dimensions (Dia x L) mm</i>	40mm x 155mm	23mm x 82mm	20mm x 205mm	22mm x 170mm
<i>Cable</i>	10m of 2.5mm <sup>2</sup> Yellow Flexible	3m of 2.5mm <sup>2</sup> Blue Flexible	3m of 2.5mm <sup>2</sup> Blue Flexible	10m of 2.5mm <sup>2</sup> White Flexible
<i>Service Life*</i>	<b>20+ years</b>	<b>20+ years</b>	<b>20+ years</b>	<b>20+ years</b>
<i>Packaged</i>	Optional	No	No	Yes
<i>Approx Weight (kg)</i>	0.750	0.400	0.120	2.000
<i>Calibration Certificate Supplied</i>	Yes	Yes	Yes	Yes
<i>Recommended for use in</i>	Direct Burial in soil	Direct burial in concrete	Direct burial in concrete	Direct burial in soil, water – fresh and saline**

\*Service life is based on normal buried conditions

\*\*for more information, please contact your nearest Anode Engineering technical specialist.

**Our laboratory certified reference cells are shipped ready to install and use. No messing around with any preparation - just install them, connect and go!**