





## Product Datasheet: Permanent Reference Cells

Anode Engineering's range of permanent installation reference cell consists 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, the cells have a common life expectancy of more than 20 years.

Barramundi® and Copperhead® cells features a high quality electrode combined with a solution encased in as ultra-strong ceramic body to ensure that cells perform in all service conditions.

All reference cells are calibrated against a stable half-cell under controlled conditions and must meet stringent quality control requirements to qualify for our 10 year service life guarantee stamp. Installation instructions are provided for all permanent reference cells.

	Copperhead®	Barramundi®		Scorpion®
				
<i>Part Number</i>	AEPRC155-xxx*	AEPRS082-xxx*	AEPRS205-xxx*	AEPRZ170-xxx*
<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 mm</i>	40 Ø x 155 L	23 Ø x 82 L	20 Ø x 205 L	22 Ø x 170 L
<i>Cable*</i>	2.5mm <sup>2</sup> Yellow Flexible xxx above = length in meters. Standard 10m = 010	2.5mm <sup>2</sup> Blue Flexible xxx above = length in meters. Standard 3m = 003	2.5mm <sup>2</sup> Blue Flexible xxx above = length in meters. Standard 3m = 003	2.5mm <sup>2</sup> Yellow Flexible xxx above = length in meters. Standard 10m = 010
<i>Service Life</i>	20+ years	20+ years	20+ years	20+ years
<i>Packaged</i>	Optional	No	No	Yes
<i>Approx Weight (kg)</i>	0.750	0.400	0.120	2.000
<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**
Each cell comes with a calibration certificate and a certificate of conformity.				

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