

## CPR-E Tubular End Connect ANODE Singles



### Model CPR-E25x1500 (CPR-E-5C/FW20YR-1x60)

5 Amps in Coke/Fresh Water  
 13 Amps in Seawater  
 Design Life - 20 Years

### Model CPR-E32x1500 (CPR-E-8C/FW20YR-1.25x60)

8 Amps in Coke/Fresh Water  
 20 Amps in Seawater  
 Design Life - 20 Years

**Custom Sizes Available**

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The Econo-Tubular-Anode is a high quality but economical tubular anode ideal for applications where a SINGLE - one anode per cable – is preferred. It is designed for the demands of deep anode beds, shallow beds and the earth’s natural waters. The specially designed end connection allows for quick custom cable lengths. Light weight construction provides ease of handling and economy of shipping.

This anode is manufactured using the same special arc-plasma spray processing developed by CerAnode in the mid 80’s. The connection is of the highest quality electrically and environmentally having a copper-to-titanium resistance of <100 micro ohms with an environmental MultiSeal™ encapsulation fully resistant to nascent chlorine gas. It also features a FluoroShield™ cable guard. The anode’s catalytic EMMO coating is tightly sintered to its titanium substrate resulting in a truly unique surface architecture providing an abrasion resistant surface protecting it from injury during installation. It is “one-of-a-kind” among the many MMO technologies available in the marketplace today. It features iridium as its primary catalyst which the Chemistry and Physics Handbook classifies as the most inert material known to man. The proprietary nature of the catalyst mixture and deposition process results in a very special ceramic anode product.

### **Specifications**

<b>Parameter</b>	<b>Unit or Description</b>	
Anode	CC-TIR-EMMO (Iridium - Tantalum - Titanium)	
Catalyst:	CC-TIR-EMMO (Iridium - Tantalum - Titanium)	
Deposition Method:	Arc-Plasma Spray Processing	
Surface Architecture:	Hardened Ceramic Exhibiting Abrasion Resistance ASTM B-338 Commercially Pure	
Substrate Material:	Titanium	
Connection Resistance:	<100 micro ohms	
Tube Wall Thickness:	0.9 mm	
Apparent Dissolution Rate:	1-10 mg/A-Yr -- electrolyte dependent	
Anode Weight:	0.6kg + cable	
Weighted version (optional)	Approx. 3.5kg	
Cable Weight - 8AWG:	0.087lb/ft - 0.129kg/m	
Cable Weight - 6AWG:	0.122lb/ft - 0.181kg/m	
Other Custom Anode Sizes:	25mm x 1000mm (1" x 40")	In Coke/FW 5 & 8 Amp
	25mm x 1200mm (1" x 48")	5 & 8 Amp
	25mm x 2280mm (1" x 90")	10 Amp
	32mm x 1200mm (1.25" x 48")	8 & 12 Amp