

## TECHNICAL DATA SHEET: NMT16

### MIXED METAL OXIDE ACTIVATED 20mm DIA TITANIUM ROD ANODE x 765mm LONG FOR CATHODIC PROTECTION DESIGN LIFE 20 YEARS IN SEAWATER

**Product Code:** MMO/Ti/Rod/20/765/SW

**Activation:** Noble Mixed Metal Oxides consisting of IrO<sub>2</sub> and Ta<sub>2</sub>O<sub>5</sub>

**Substrate Material:** Titanium to ASTM Grade 1 or 2 Chemical Composition

**Working Environment:** Evolution of O<sub>2</sub>, Cl<sub>2</sub> or a combination of both in seawater

#### Nominal Dimensions of 20mm Dia MMO/Ti Rod Anode:

**Diameter** 20mm (0.787 inches)

**Length** 765mm (2.51ft)

**Weight** 1.09kgs

Surface Area of 20mm dia MMO/Ti Rod Anode x 1000mm: 0.048m<sup>2</sup>

Current Output of 20mm dia x 1000mm Anode when operating at 600A/m<sup>2</sup>: 28.8A

**Design Life:** 20 years when operating at 28.8A in seawater

Attenuation in current density when centre connected in 20 ohm.cms seawater – less than 1%

Internal Resistance of a 0.765m length of anode rod: 0.00029 ohms

MMO Anode supplied as a bare rod with cable attachment by others – anode to cable contact resistance to be less than 0.001 ohms.