

TECHNICAL DATA SHEET: NMT.15B

MIXED METAL OXIDE ACTIVATED 3mm DIA Ti/Cu TITANIUM WIRE ANODE FOR CATHODIC PROTECTION DESIGN LIFE 20 OR 30 YEARS

Product Code: MMO/Ti/Cu/Wire/3/20/30/SW

Activation: Noble Mixed Metal Oxides consisting of IrO₂ and Ta₂O₅

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

Working Environment: Evolution of O₂, Cl₂ or a combination of both

Nominal Dimensions of 3mm Dia MMO/Ti/Cu Wire Anode:

Diameter	3mm (0.125 inches)
Standard Coil Length	100m (328ft)
Standard Coil Weight	5.88kgs
Surface Area	of 3mm Dia MMO/Ti/Cu Wire Anode: 0.01m ² per m
Current Output of Wire	6A per m when operating at an anode current density of 600A/m ²

Design Life: 20 or 30 years when operating at an anode current density of 600A/m² in salt water.

Internal Resistance: 3.4 mΩ per m

Coating Loading: Sufficient in g/m² to achieve 20 or 30 year design life at an anode current density of 600A/m² in salt water.