

MIXED METAL OXIDE ANODES WIRE TYPE

DATASHEET 1.14

MMO ANODES

Product information

Mixed Metal Oxide (MMO) Wire is an anode designed for Impressed Current Cathodic Protection systems of steel structures. The MMO coating, with industrially proven lifetime characteristics, ensures an even current distribution.

The high purity Titanium metal substrate has proven chemical corrosion resistance, low system electrical resistance, and high mechanical integrity against breakage.

Uses

- Water and soil electrolytes
- Fresh, brackish or salt water
- Wide range of operating temperatures - 0 to <150°C

Technical Data

Substrate

Titanium ASTM B265 grade 1 Wire Catalyst Mixed Metal Oxides

Dimensions

External Diameter 1.5mm or 3mm
Length 100 m

Current Output Ratings

MMO Wire is coated according to your desired output / electrolyte / lifetime taking into account the recommended current densities stated below.

Environment	Max Current Density
Carbonaceous Backfill	4.6A/ft ² (50A/m ²)
Calcined Petroleum Backfill	9.3A/ft ² (100A/m ²)
Freshwater	9.3A/ft ² (100A/m ²)
Brackish Water	9.3-27.8A/ft ² (100-300A/m ²)
Seawater	55.8A/ft ² (600A/m ²)



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