

# KYNEX® TECHNOLOGY

Patented, Waterproof Anode to Cable Connection

Patented Kynex® technology from MATCOR produces a revolutionary, factory made, injection-molded anode to cable connection. Kynex is 100% waterproof, eliminating the risk of anode to cable failure and ensuring decades of reliability. Prior to the introduction of Kynex connection technology, connections were made by hand and depended on the skill of the individual to make the seal waterproof and mechanically strong. Made in MATCOR's climate-controlled ISO 9001:2008 manufacturing facility, Kynex provides a waterproof seal not available anywhere else.

## What is Kynex?

Kynex is the waterproof sealing of mixed metal oxide (MMO) anode to cable connections made in MATCOR's manufacturing facility. The MMO anode to cable connection is made with high pressure hydraulic tooling. The mechanical connection is then inserted into one of MATCOR's high pressure injection molding machines, and computer controlled equipment completes the manufacturing process.



*Kynex connections are made in various sizes*

## BENEFITS

100% waterproof seal to protect the electrical connections

The connection sealing material and cable insulation are manufactured into a single unit

Stronger mechanical protection of the connection than heat shrink materials or other manual sealing procedures

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The mechanical connection is completely surrounded with high temperature molding compounds that are injected into the mold at high pressure and then cured to form a perfectly molded waterproof seal. Every step in the process is computer controlled and a MATCOR manufacturing technician inspects each connection.

## Where is Kynex Used?

Used in MATCOR's proprietary SPL™-Anode Series impressed current linear anodes and the Durammo™ Deep Anode System, Kynex connection technology provides unmatched protection for the critical connections in cathodic protection systems.

*Why trust your cathodic protection system to anything else?*

## MATCOR Products Featuring Kynex Connections

### SPL™-FBR-Anode



Pipelines, beneath ASTs and congested areas

### SPL™-SandAnode™



Beneath ASTs with very little clearance

### Iron Gopher®



Horizontal directional drilling (HDD) applications

### SPL™-INT-Anode



Internal pipeline protection

### SPL™-Braid-Anode



Special applications, water wells, industrial environments

### SPL™-HDPE-Anode



Marine environments, concrete and special applications

### Durammo™ Deep Anode System



Pipelines, wells, plants and other infrastructure assets



MATCOR is a Brand Energy & Infrastructure Services Company.

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